



Periodic Review Report

Leica, Inc.

Former Leica, Inc. Facility

Town of Cheektowaga

Erie County, New York

Inactive Hazardous Waste Disposal Site No. 915156

27 May 2022, Revised 30 June 2022 and 19 July 2022

Project No.: 0634053

Signature Page

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Former Leica, Inc. Facility



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Acronyms and Abbreviations

Name	Description
EC	Engineering Control
ERM	ERM Consulting & Engineering, Inc.
IC	Institutional Control
Leica	Leica, Inc.
NYSDEC	New York State Department of Environmental Conservation
OM&M	Operation, maintenance, and monitoring
PRR	Periodic Review Report
RAO	Remedial Action Objective
ROD	Record of Decision
SMP	Site Management Plan
SSDS	Sub-slab depressurization system
VI	Vapor intrusion
VOC	Volatile organic compound

1. SITE OVERVIEW

The former Leica, Inc. (Leica) facility (the Site) located at 203 Eggert Road in Cheektowaga, New York (as shown on Figure 1) is listed in the Registry of Inactive Hazardous Waste Disposal Sites in New York State as Site Number 915156. The Site is comprised of two parcels: one 22.76-acre parcel owned by Calypso Development of WNY Inc. and one 1.22-acre parcel owned by Leica, Inc.. This Periodic Review Report (PRR) documents the implementation of, and compliance with, Site-specific management requirements from 1 May 2021 through 30 April 2022.

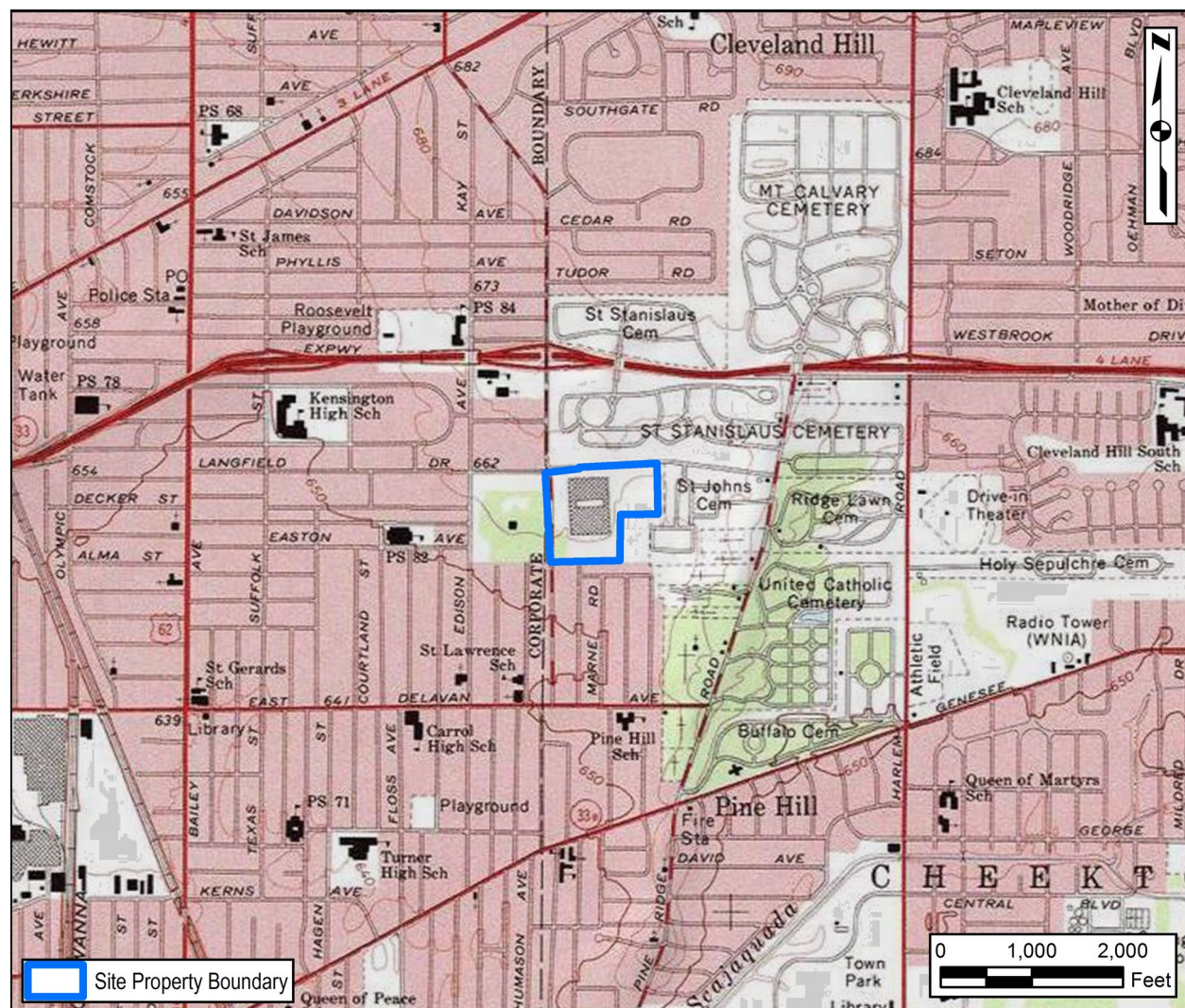


Figure 1: Site Location

Historical manufacturing activities resulted in volatile organic compound (VOC) impacts to Site soil, groundwater, and soil vapor. In September 1993, Leica entered into an Order of Consent with the New York State Department of Environmental Conservation (NYSDEC) to investigate and remediate the Site. A Record of Decision (ROD), dated March 1997, established Remedial Goals and Remedial Action Objectives (RAOs) for constituents of concern in soil and groundwater. Remedial goals established in the ROD are presented in Table 1-1 along with the status of each goal during the reporting period.

Table 1-1: Summary of Remedial Goals

Remedial Goals	Status During Reporting Period
To achieve RAOs for groundwater and soil. Note: Surface water and sediment are also included in the ROD, but without respective RAOs.	The ongoing Data Gap Investigation is designed to collect the data necessary to develop a Site closure strategy that will achieve RAOs to the maximum extent practicable.
To restore groundwater to the maximum extent practicable by applicable standards and/or guidance values (i.e., RAOs for groundwater) in the overburden and bedrock aquifers.	Historical source remediation (Figure 2) outside the building has significantly reduced VOC concentrations in Site groundwater, as demonstrated through semi-annual ongoing groundwater monitoring. No active source-area remediation was conducted during the reporting period.
To eliminate contaminant migration via groundwater so that potential releases of, and contact with, contaminated groundwater does not present a human or environmental threat.	A groundwater extraction system (Figure 2) minimizes off-Site migration of VOC-impacted groundwater in bedrock in the southeast corner of the Site, as demonstrated by ongoing semi-annual groundwater monitoring activities documented in this PRR. Additionally, groundwater use at the Site is restricted and the Erie County Water Authority provides water for the Site and surrounding area.
To prevent or mitigate the leaching and/or migration of contaminants in the soil that would cause groundwater and/or surface water contamination above standards.	Historical source remediation (Figure 2) outside the building footprint has significantly reduced VOC concentrations in Site soil, as demonstrated through historical post-excavation soil sampling (Scientech, 2004).
Eliminate, to the maximum extent practicable, the potential for direct human or animal contact with contaminated soil.	The Site has a Site Management Plan (SMP; ERM 2020) and land use restriction to minimize, to the maximum extent practicable, any direct human or animal contact with impacted soil.
To prevent or mitigate the release and inhalation of airborne contaminants above acceptable standards.	Active sub-slab depressurization systems (SSDSs) in the Loading Dock Area and Warehouse Area mitigate migration of soil vapors to indoor air (Figure 2), as demonstrated by ongoing monitoring activities documented in this PRR ¹ .

Over the years, several remedial actions were implemented, which have removed source material outside the building and significantly reduced VOC concentrations in soil and groundwater (Figure 2). At present, a groundwater extraction system minimizes off-site migration of a dissolved-phase VOC plume in bedrock in the southeast corner of the Site and SSDSs within the building control the migration of soil vapor to indoor air (Figure 2). Overall, the remedial program has been effective at minimizing vapor intrusion (VI) to the building and managing impacts to groundwater.

¹ In the fall of 2019, System-7 and System-8 of the Warehouse Area SSDS were turned off because these portions of the building are unoccupied due to deteriorating building conditions (including roof collapse) and the area being unsafe to enter. Additionally, the test points for Building 6 are located in the same area as System-7 and System-8 and cannot safely be accessed due to building conditions. If building conditions are restored, the SSDS and indoor air should be evaluated prior to occupation.

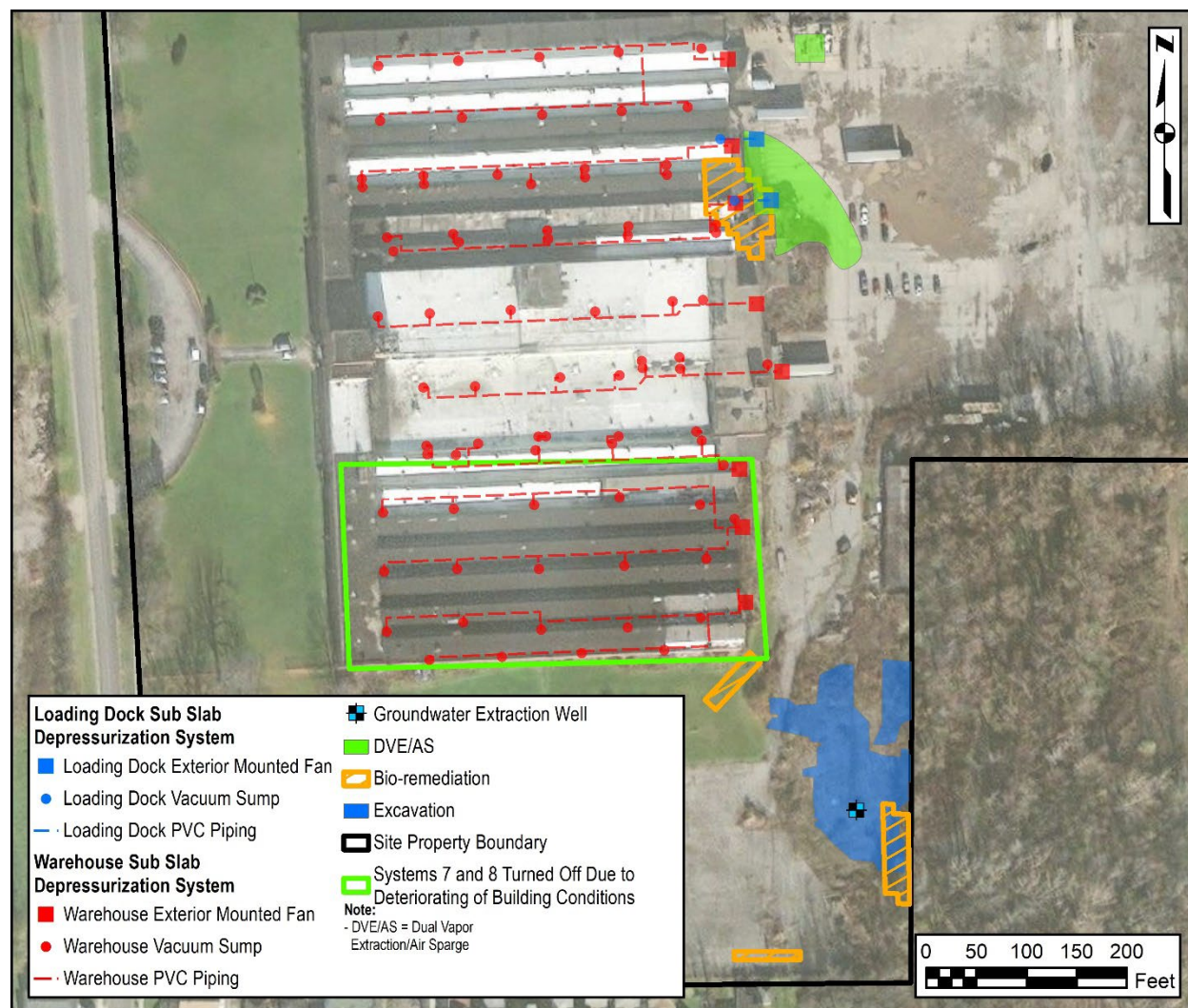


Figure 2: Remedy and Mitigation Measures

The Site Management Plan (SMP) was most recently updated in August 2020 (ERM 2020) and was approved by NYSDEC on 17 September 2020. The SMP requires ongoing implementation and maintenance of existing institutional controls (ICs) and engineering controls (ECs) to protect human health and the environment, as is documented in Table 1-2.

Table 1-2: Summary of Control Measures

ICs:	Status During Reporting Period
Prohibition of property use other than for commercial or industrial purposes	Site usage remains commercial.
Implementation of SMP and all its components	The SMP was updated in August 2020 (ERM 2020) and approved by NYSDEC on 17 September 2020. The updated SMP was implemented once approved.
Prohibition of groundwater use without treatment	Groundwater is not being used at the Site.
ECs:	The ECs are being implemented as designed:
Vapor mitigation	The Site has two SSDSs (Figure 2) to control the migration of soil vapors to indoor air by maintaining negative pressure differential across the portion of the building that requires mitigation. Deficiencies that were identified in 2020 were addressed via a Corrective Measures Work Plan. ERM submitted a summary memorandum to document the completion of the Corrective Measures on 9 November 2021 and was approved by NYSDEC on 11 November 2021.
Groundwater treatment system	A groundwater extraction system (Figure 2) has been operating since 1999. Groundwater treatment is no longer required prior to discharge to the Buffalo Sewer Authority Sewer System.
Alternate water supply	The Erie County Water Authority provides water to the facility.
Fencing and access controls	The Site is surrounded by a fence with two entrances. Access to the Site is limited to Sam-Son employees. All visitors must sign in at reception.

A Corrective Measures Work Plan was submitted concurrently with the previous Periodic Review Report and approved by NYSDEC on 24 June 2021. During the previous annual Site inspection conducted on 30 April 2021, the Warehouse System-02 and System-06 SSDS blowers were not operational. As such, the following corrective measures completed included:

- 27 May 2021: Warehouse Area SSDS system inspected by OBAR Systems, Inc. (OBAR) including electrical connections, telemetry and controls on 27 May 2021; and
- June 2021: As needed, replaced electrical components including the blowers for System-02 and System-06 in kind (OBAR Model GBR 89), installed eight (1 per system) OBAR GBR 25-T digital differential pressure gauges, and replaced current remote telemetry unit with a new OBAR EDG 4G/LTE wireless data gateway.

In July 2021, following implementation of the corrective measures, ERM collected pressure differential measurements from the test points. Results from the monitoring are included in the Completion of SSDS Corrective Measures Memo that was submitted to NYSDEC on 8 November 2021 and approved on 11 November 2021.

The required Institutional & Engineering Controls Certification form has been completed and signed by the Site representative and the engineer-of-record (Appendix A).

A Data Gap Investigation is ongoing and ERM will submit the results in a Data Gap Investigation Completion Report. Additionally, in 2020, the NYSDEC and the New York State Department of Health requested that Leica conduct additional residential VI investigation activities in the residential neighborhood south of the Site. During the 2021 – 2022 heating season, ERM conducted outreach to the homeowners of 111 Preston Road and 147, 148, 151, and 151 Eggert Road to conduct indoor air and sub-slab soil gas sampling in their homes. ERM was able to sample 111 Preston Road on 23 March 2022; however, the homeowners on Eggert Road either declined to participate or were unresponsive. A summary memorandum regarding the residential VI investigation activities will be submitted under separate cover.

2. OPERATIONS, MAINTENANCE, AND MONITORING ACTIVITIES

The data collected over the course of this reporting period demonstrate that all ICs and ECs are generally functioning as designed. No significant deficiencies were observed that warranted additional response actions.

In February 2022, ERM identified that the on-Site modem associated with the groundwater extraction system telemetry was not responding to remote connection. In March 2022, the firmware was upgraded for improved connectivity.

In February 2022, the Warehouse SSDS blowers for System-01 and System-03 through -05 were replaced in compliance with the manufacturer recommendation of replacement every four years.

During the reporting period, operation, maintenance, and monitoring (OM&M) activities were conducted as prescribed in the SMP (ERM 2020) and summarized in Table 2-1.

Table 2-1: Summary of OM&M Activities

OM&M Activity	Frequency	Details	Deficiencies	Data Presented In
Groundwater Monitoring	Semiannually Sampling and Gauging June and Oct 2021	VOCs, temperature, conductivity, pH, dissolved oxygen, oxidation-reduction potential	No deficiencies other than inability to collect samples from dry wells.	Figure 3 Tables 1–4 Appendices B and C
Groundwater Extraction System Operations	Quarterly	Mechanical integrity, flow totalizer, telemetry	Short-term, weather related power outages and system upgrades.	Table 5 Appendix D
Groundwater Extraction System Effluent Monitoring	Quarterly	VOCs, semi-volatile organic compounds, total petroleum hydrocarbon Regulatory reporting to Buffalo Sewer Authority and Town of Cheektowaga	No deficiencies	Appendices A, D, and E
Loading Dock Area SSDS Operation	Quarterly	Vacuum readings from system manometers	No deficiencies	Tables 6 and 7 Appendices A and D

OM&M Activity	Frequency	Details	Deficiencies	Data Presented In
	Annually March 2022	Pressure differential measurements	Several sub-slab vacuum measurements from system test ports did not meet the design performance goal of 0.004 inches of water column pressure differential.	Table 8
Warehouse Area SSDS Operation	Quarterly	Vacuum readings from system manometers	Several sub-slab vacuum measurements from system test ports did not meet the design performance goal of 0.004 inches of water column pressure differential. These results are consistent with previous monitoring and the indoor air sampling conducted in March 2020 demonstrated that vapour intrusion is not occurring. ²	Table 6 Appendices A and D
	Annually April 2021	Pressure differential measurements		Table 8
Site-Wide Inspection / Severe Condition Inspections	Annually March 2022 ³	Review all ICs and ECs	No deficiencies	Appendix F

² The results from the March 2020 indoor air sampling were included in the Periodic Review Report submitted on 29 May 2020.

³ There were no severe conditions that required a Site-wide inspection during the reporting period.

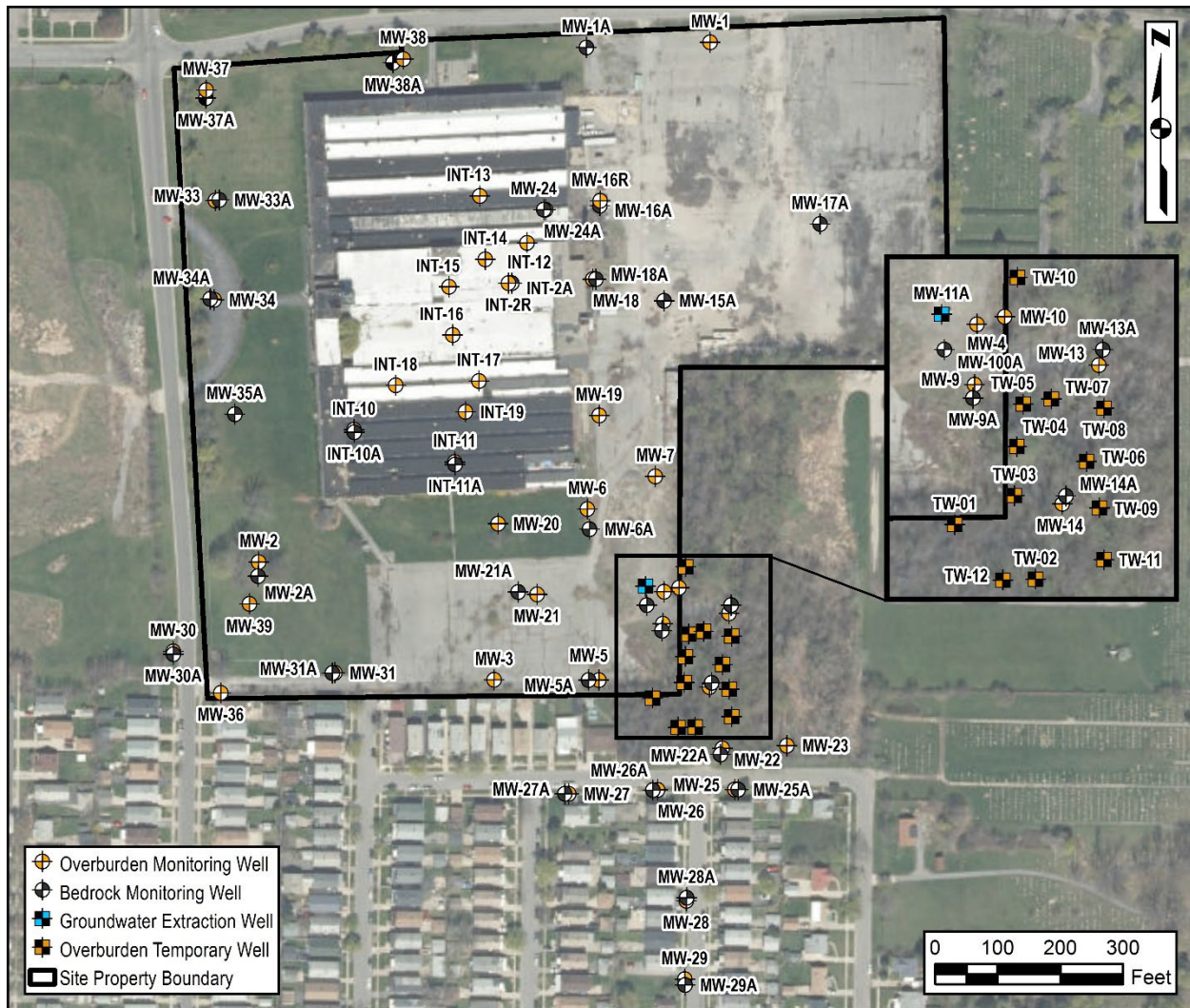


Figure 3: Monitoring Well Network

3. SUMMARY OF GROUNDWATER MONITORING RESULTS

Overburden groundwater generally flows to the south-southeast. Figure 4 and Figure 5 show the groundwater elevation contours for overburden and bedrock from the October 2021 gauging event. The depth to bedrock is deeper on the east side of the Site than on the west side of the Site. The shallower bedrock surface in the west periodically results in some of the overburden monitoring wells being dry.

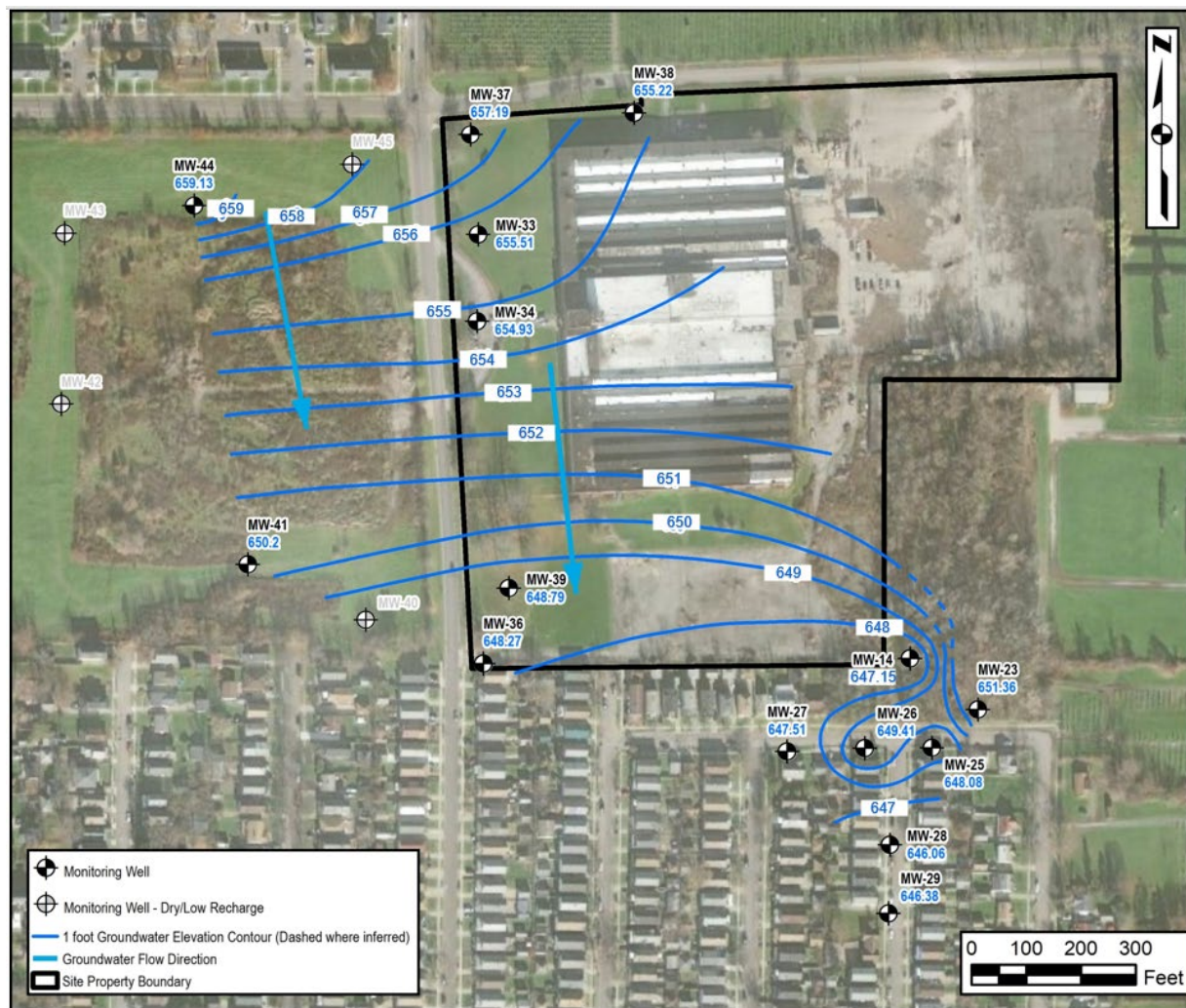


Figure 4: Groundwater Flow Directions in Overburden

Groundwater in bedrock generally flows toward the west.

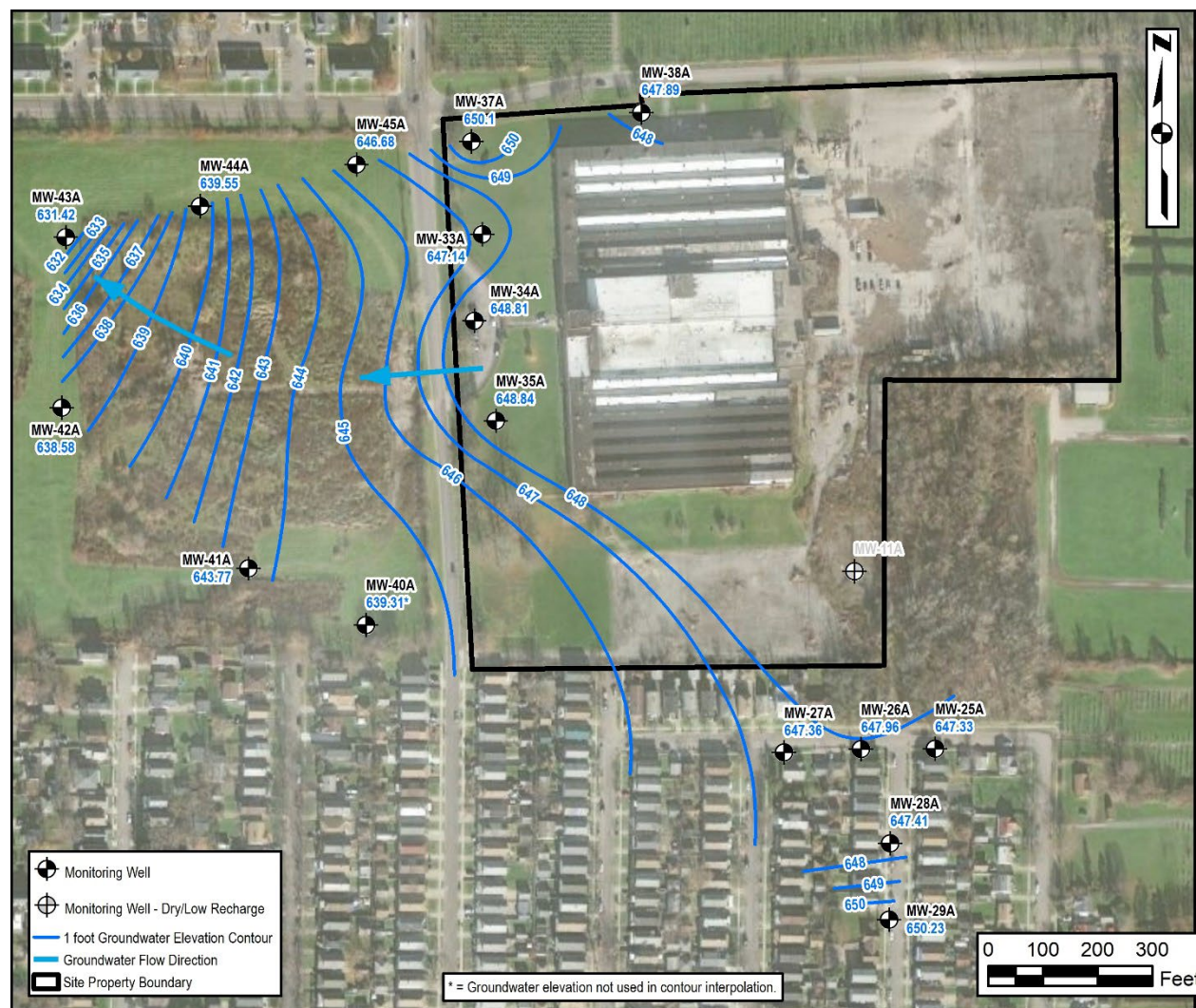


Figure 5: Groundwater Flow Directions in Bedrock

Appendix C includes charts showing total VOC concentration trend plots and Mann-Kendall analyses for wells where at least half of the analytical results for a given analyte group⁴ were detections and where there were at least five total detections. As cis-1,2-dichloroethene and vinyl chloride are the only VOCs in off-Site groundwater exceeding the Site-specific RAOs, results of the Mann-Kendall analysis for the chlorinated ethene analyte group, which includes these compounds, are presented in Figure 6 and Figure 7 for overburden and bedrock groundwater, respectively. These figures depict the total concentration magnitude, concentration trends, and identify which wells contained one or more analyte at a concentration that exceeds its RAO threshold value.

VOC concentrations in on-Site groundwater fluctuate over time and are generally dominated by degradation products (i.e., 1,1-dichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, and vinyl chloride) indicating that the parent compounds, trichloroethene and 1,1,1-trichloroethane, are being naturally attenuated. Only one well at the Site exhibits an increasing concentration trend and it is located in the central portion of the Site. VOC concentrations in groundwater along and downgradient of the Site

⁴ Two analyte groups were evaluated: chlorinated ethenes (molar sum of trichloroethene, cis-1,2-dichloroethene, and vinyl chloride) and chlorinated ethanes (molar sum of 1,1,1-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethene, and chloroethane).

boundary are generally below the RAOs, indicating that minimal off-Site VOC migration is occurring in groundwater, as shown on Figures 6 and 7, respectively. Two chlorinated ethene degradation products, cis-1,2-dichloroethene and vinyl chloride, have been detected off Site in overburden and bedrock groundwater at concentrations exceeding their respective RAOs⁵.

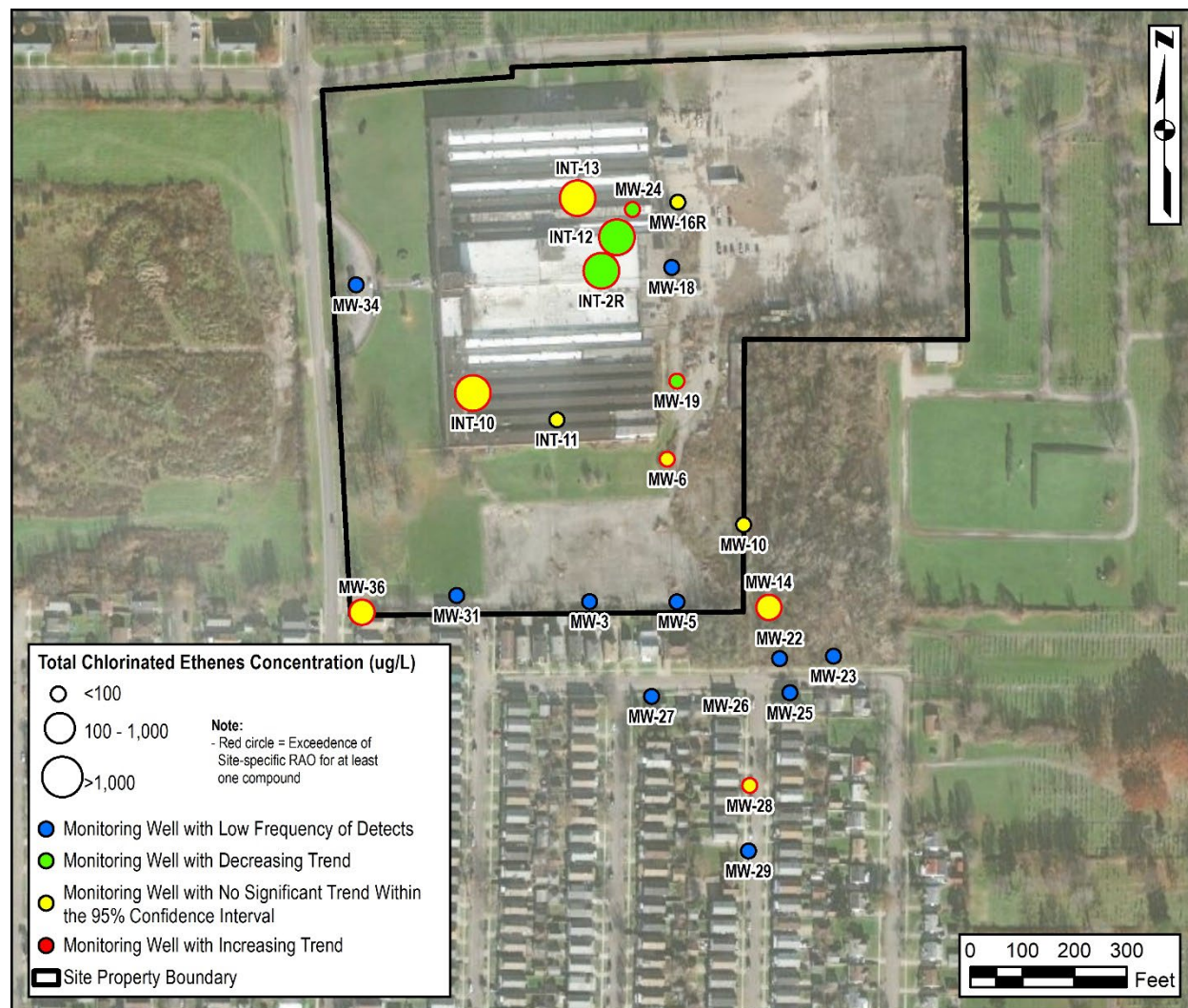


Figure 6: Chlorinated Ethene Molar Concentration Trend Analysis Results in Overburden

⁵ The RAO for 1,2-dichloroethene has been applied to cis-1,2-dichloroethene.

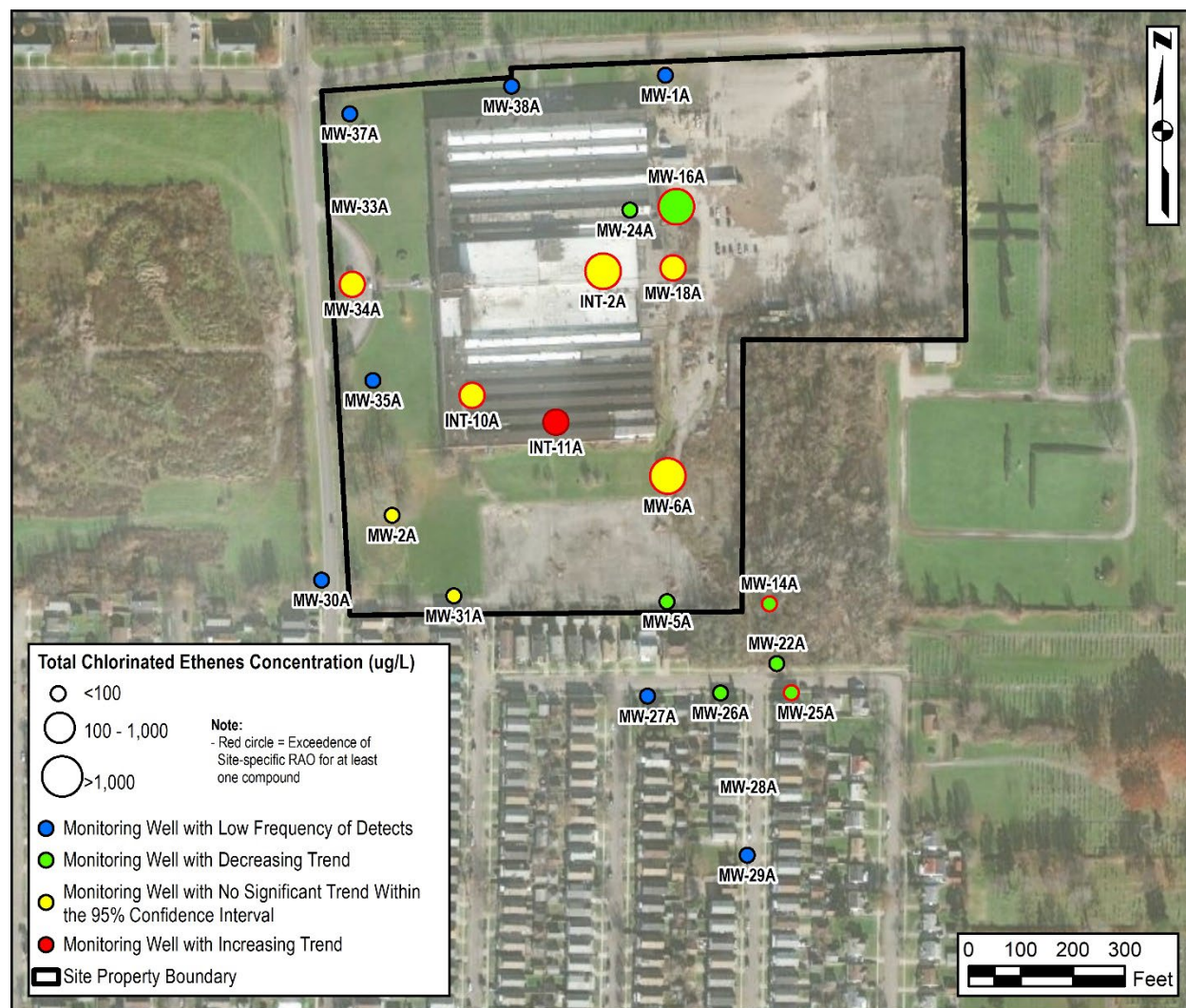


Figure 7: Chlorinated Ethene Molar Concentration Trend Analysis Results in Bedrock

4. REFERENCES

ERM. 2021. *Completion of SSDS Corrective Measures Memorandum*. 8 November.

ERM. 2020. *Site Management Plan*. 18 September 2020.

Scientechn. 2004. *Soil Remedial Action Closure Report*. April 2004.

TABLES

Table 1
Summary of Groundwater Sampling Program
Former Leica, Inc. Facility
Cheektowaga, New York

Well ID	Sample Collection Method			Analysis
	Grab	Low-Flow	Gauge Only	VOCs (EPA Method 8260)
MW-6A		S		X
MW-11A	S, F			X
MW-14		S, F		X
MW-16A		S		X
MW-23	S, F			X
MW-24A		S		X
MW-25		S, F		X
MW-25A		S, F		X
MW-26		S, F		X
MW-26A		S, F		X
MW-27		S, F		X
MW-27A		S, F		X
MW-28		S, F		X
MW-28A		S, F		X
MW-29		S, F		X
MW-29A		S, F		X
MW-31	S			X
MW-31D		S		X
MW-33	F		S	X
MW-33A		S, F		X
MW-34	S	F		X
MW-34A		S, F		X
MW-35A		S, F		X
MW-36	S	F		X
MW-37	F		S	X
MW-37A		S, F		X
MW-38		F	S	X
MW-38A		S, F		X
MW-39	F		S	X
INT-2R			S	
INT-13			S	
INT-14			S	

Notes:

This table reflects the monitoring that was completed during the reporting year.

Semiannual groundwater monitoring events were conducted in June and October 2021.

S indicates that the location was monitored during the June 2021 event.

F indicates that the location was monitored during the October 2021 event.

Wells there were only gauged did not have sufficient volume to collect a sample.

VOC = volatile organic compound

Table 2
Summary of Historical Water Level Elevations
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

Well	Measurement Date	Historical Reference Elevation (ft amsl)	Depth to Water (ft)	Groundwater Elevation (ft amsl)
INT-13	24-Jun-21	662.2	10.74	651.46
INT-14	24-Jun-21	662.18	11.66	650.52
INT-2R	24-Jun-21	662.08	Dry	-
MW-11A	22-Jun-21	662.26	7.01	655.25
MW-14	25-Oct-21	652.96	5.46	647.50
	23-Jun-21	652.96	5.81	647.15
MW-16A	24-Jun-21	659.95	13.00	646.95
MW-23	25-Oct-21	657.93	6.57	651.36
	24-Jun-21	657.93	9.98	647.95
MW-24A	24-Jun-21	662.3	16.52	645.78
MW-25	25-Oct-21	652.39	4.31	648.08
	21-Jun-21	652.39	5.55	646.84
MW-25A	25-Oct-21	652.76	5.43	647.33
	21-Jun-21	652.76	7.12	645.64
MW-26	25-Oct-21	652.87	3.46	649.41
	21-Jun-21	652.87	5.02	647.85
MW-26A	25-Oct-21	653.08	5.12	647.96
	22-Jun-21	653.08	7.00	646.08
MW-27	25-Oct-21	654.02	6.51	647.51
	22-Jun-21	654.02	7.68	646.34
MW-27A	25-Oct-21	654.26	6.90	647.36
	22-Jun-21	654.26	7.25	647.01
MW-28	25-Oct-21	652.63	6.57	646.06
	21-Jun-21	652.63	7.19	645.44
MW-28A	25-Oct-21	652.44	5.03	647.41
	21-Jun-21	652.44	6.55	645.89
MW-29	25-Oct-21	652.58	6.20	646.38
	21-Jun-21	652.58	7.19	645.39
MW-29A	25-Oct-21	652.43	2.20	650.23
	21-Jun-21	652.43	2.59	649.84
MW-31	22-Jun-21	654.99	6.22	648.77
MW-31D	22-Jun-21	655.24	9.82	645.42
MW-33	25-Oct-21	661.89	6.38	655.51
	24-Jun-21	661.89	Dry	-
MW-33A	25-Oct-21	661.83	14.69	647.14
	24-Jun-21	661.83	16.62	645.21
MW-34	25-Oct-21	661.41	6.48	654.93
	22-Jun-21	661.41	7.00	654.41
MW-34A	25-Oct-21	661.31	12.50	648.81
	22-Jun-21	661.31	15.53	645.78
MW-35A	25-Oct-21	659.47	10.63	648.84
	24-Jun-21	659.47	13.31	646.16
MW-36	25-Oct-21	655.14	6.87	648.27
	22-Jun-21	655.14	7.18	647.96
MW-37	25-Oct-21	664.27	7.08	657.19
	24-Jun-21	664.27	Dry	-
MW-37A	25-Oct-21	663.95	13.85	650.1
	24-Jun-21	663.95	17.81	646.14
MW-38	25-Oct-21	660.31	5.09	655.22
	24-Jun-21	660.31	Dry	-
MW-38A	25-Oct-21	660.22	12.33	647.89
	24-Jun-21	660.22	14.8	645.42
MW-39	25-Oct-21	655.67	6.88	648.79
	22-Jun-21	655.67	7.20	648.47
MW-6A	22-Jun-21	658.88	12.97	645.91

Notes:

ft = feet

amsl = above mean sea level

- = Not applicable

Gauging in June and October 2021 occurred concurrently with groundwater monitoring.

MW-37/37A through MW-39 were surveyed on 20 May 2022.

MW-31D was resurveyed in December 2018. The correct reference elevation is shown in the table above.

Table 3
Groundwater Summary Table
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

	Location ID	MW-6A	MW-11A	MW-11A	MW-14	MW-14	MW-16A	MW-23	MW-23	MW-24A	MW-25	MW-25	MW-25A	MW-25A	MW-25A
	Sample Date	22-Jun-21	22-Jun-21	26-Oct-21	23-Jun-21	27-Oct-21	24-Jun-21	24-Jun-21	27-Oct-21	24-Jun-21	21-Jun-21	25-Oct-21	21-Jun-21	21-Jun-21	25-Oct-21
	Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	FD	N
Volatile Organic Compounds, µg/L	Site-Specific RAOs														
1,1,1-Trichloroethane	5	< 10	< 8.0	< 5.0	< 5.0 J	< 5.0	89	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113)	-	< 10	< 8.0	< 5.0	< 5.0 J	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	-	7.7 J	< 8.0	< 5.0	< 5.0 J	< 5.0	240	< 1.0	< 1.0	3.3	< 1.0	< 1.0	< 1.0	< 1.0	0.42 J
1,1-Dichloroethene	-	< 10	< 8.0	< 5.0	< 5.0 J	< 5.0	13	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone	-	< 100	< 80	< 50	< 50 J	< 50	< 100	2.3 J	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	-	< 100	< 80	< 50	< 50 J	< 50	< 100	< 12	5.1 J	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	-	< 10	< 8.0	< 5.0	< 5.0 J	< 5.0	< 10	< 1.0	< 1.0	4.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon disulfide	-	< 10	< 8.0	< 5.0	< 5.0 J	< 5.0	< 10	< 1.0	1.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	-	< 10	< 8.0	< 5.0	< 5.0 J	< 5.0	75	< 1.0	< 1.0	74	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	-	< 10	< 8.0	< 5.0	< 5.0 J	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	5	790 J	200	240	83 J	110	2,000	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.1	1.0	23
Cyclohexane	-	< 10	< 8.0	< 5.0	< 5.0 J	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	5	< 10	< 8.0	< 5.0	< 5.0 J	< 5.0	39	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl tert-butyl ether	-	< 10	< 8.0	< 5.0	< 5.0 J	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylcyclohexane	-	< 10	< 8.0	< 5.0	< 5.0 J	< 5.0	2.1 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	5	< 10	< 8.0	< 5.0	< 5.0 J	< 5.0	6.7 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	5	< 10	< 8.0	< 5.0	< 5.0 J	< 5.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1
Trichloroethene	5	150	< 8.0	< 5.0	< 5.0 J	< 5.0	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	5	68	250	160	230 J	100	430	< 1.0	< 1.0	1.9	< 1.0	< 1.0	4.7	4.6	55
Xylene, Total	5	< 20	< 16	< 10	< 10 J	< 10	80	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Notes:
 < = Compound not detected at concentrations
 above the laboratory reporting detection limit.
 The laboratory reporting detection limit is shown.
 µg/L = micrograms per liter
 FD = Field Duplicate Sample
 N = Normal Environmental Sample
 Bold indicates detected concentration exceeds the Site-
 specific RAO
 All analyses performed by TestAmerica - Buffalo, NY.

Table 3
Groundwater Summary Table
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

	Location ID	MW-26	MW-26	MW-26A	MW-26A	MW-27	MW-27	MW-27A	MW-27A	MW-28	MW-28	MW-28A	MW-28A	MW-29	MW-29
	Sample Date	21-Jun-21	26-Oct-21	22-Jun-21	26-Oct-21	22-Jun-21	26-Oct-21	22-Jun-21	26-Oct-21	21-Jun-21	26-Oct-21	21-Jun-21	25-Oct-21	21-Jun-21	25-Oct-21
	Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Volatile Organic Compounds, µg/L	Site-Specific RAOs														
1,1,1-Trichloroethane	5	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113)	-	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	-	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	-	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone	-	< 40	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	-	< 40	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	-	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Carbon disulfide	-	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	-	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	-	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.39 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	5	< 4.0	70	49	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	40	41	< 1.0	< 1.0	2.2	< 1.0
Cyclohexane	-	< 4.0	0.36 J	0.32 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	5	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl tert-butyl ether	-	< 4.0	0.19 J	0.22 J	< 1.0	0.22 J	< 1.0	< 1.0	0.20 J	1.2	1.0	< 1.0	< 1.0	0.21 J	< 1.0
Methylcyclohexane	-	< 4.0	0.19 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	5	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	5	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	5	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.57 J	< 1.0
Vinyl chloride	5	< 4.0	91	1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	8.2	9.8	< 1.0	4.3	< 1.0	< 1.0
Xylene, Total	5	< 8.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Notes:
 < = Compound not detected at concentrations
 above the laboratory reporting detection limit.
 The laboratory reporting detection limit is shown.
 µg/L = micrograms per liter
 FD = Field Duplicate Sample
 N = Normal Environmental Sample
 Bold indicates detected concentration exceeds the Site-
 specific RAO
 All analyses performed by TestAmerica - Buffalo, NY.

Table 3
Groundwater Summary Table
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

	Location ID	MW-29A	MW-29A	MW-29A	MW-29A	MW-31	MW-31D	MW-33	MW-33A	MW-33A	MW-34	MW-34	MW-34A	MW-34A	MW-35A
	Sample Date	21-Jun-21	21-Jun-21	25-Oct-21	25-Oct-21	22-Jun-21	22-Jun-21	26-Oct-21	24-Jun-21	26-Oct-21	22-Jun-21	26-Oct-21	22-Jun-21	26-Oct-21	24-Jun-21
	Sample Type	N	FD	N	FD	N	N	N	N	N	N	N	N	N	N
Volatile Organic Compounds, µg/L	Site-Specific RAOs														
1,1,1-Trichloroethane	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113)	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0
1,1-Dichloroethane	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0
1,1-Dichloroethene	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0
2-Butanone	-	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 40	< 10
Acetone	-	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50	< 40	< 10
Benzene	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	13	7.2	< 1.0
Carbon disulfide	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.35 J	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0
Chloroethane	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0
Chloromethane	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0
cis-1,2-Dichloroethene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	1.9	< 1.0	< 1.0	11	10	< 1.0
Cyclohexane	-	3.3	4.8	0.60 J	0.54 J	< 1.0	< 1.0	< 1.0	3.3	3.1	< 1.0	< 1.0	6.1	4.4	< 1.0
Ethylbenzene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0
Methyl tert-butyl ether	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0
Methylcyclohexane	-	< 1.0	0.98 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.9	1.4	< 1.0	< 1.0	1.1 J	1.5 J	< 1.0
Toluene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0
trans-1,2-Dichloroethene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0
Trichloroethene	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 4.0	< 1.0
Vinyl chloride	5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4.8	< 1.0	< 1.0	220	240 J	< 1.0
Xylene, Total	5	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 8.0	< 2.0

Notes:
 < = Compound not detected at concentrations
 above the laboratory reporting detection limit.
 The laboratory reporting detection limit is shown.
 µg/L = micrograms per liter
 FD = Field Duplicate Sample
 N = Normal Environmental Sample
 Bold indicates detected concentration exceeds the Site-
 specific RAO
 All analyses performed by TestAmerica - Buffalo, NY.

Table 3
Groundwater Summary Table
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

	Location ID	MW-35A	MW-36	MW-36	MW-37	MW-37A	MW-37A	MW-38	MW-38A	MW-38A	MW-39
	Sample Date	27-Oct-21	22-Jun-21	26-Oct-21	27-Oct-21	24-Jun-21	27-Oct-21	27-Oct-21	24-Jun-21	27-Oct-21	26-Oct-21
	Sample Type	N	N	N	N	N	N	N	N	N	N
Volatile Organic Compounds, µg/L	Site-Specific RAOs										
1,1,1-Trichloroethane	5	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113)	-	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
1,1-Dichloroethane	-	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
1,1-Dichloroethene	-	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
2-Butanone	-	< 10	< 50	< 40	< 10	< 10	< 10	< 10	< 10	< 10	< 20
Acetone	-	< 10	< 50	< 40	< 10	< 10	< 10	< 10	< 10	< 10	< 20
Benzene	-	0.90 J	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
Carbon disulfide	-	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.62 J	< 2.0
Chloroethane	-	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
Chloromethane	-	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
cis-1,2-Dichloroethene	5	< 1.0	< 5.0	15	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.7 J
Cyclohexane	-	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
Ethylbenzene	5	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
Methyl tert-butyl ether	-	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
Methylcyclohexane	-	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
Toluene	5	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
trans-1,2-Dichloroethene	5	< 1.0	< 5.0	6.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
Trichloroethene	5	< 1.0	100	250	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	88
Vinyl chloride	5	< 1.0	< 5.0	< 4.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
Xylene, Total	5	< 2.0	< 10	< 8.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0

Notes:
 < = Compound not detected at concentrations
 above the laboratory reporting detection limit.
 The laboratory reporting detection limit is shown.
 µg/L = micrograms per liter
 FD = Field Duplicate Sample
 N = Normal Environmental Sample
 Bold indicates detected concentration exceeds the Site-
 specific RAO
 All analyses performed by TestAmerica - Buffalo, NY.

Table 4
Groundwater Summary Table
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

	Location ID Sample Date	MW-6A 22-Jun-21	MW-14 23-Jun-21	MW-14 27-Oct-21	MW-16A 24-Jun-21	MW-23 24-Jun-21	MW-23 27-Oct-21	MW-24A 24-Jun-21	MW-25 21-Jun-21	MW-25 25-Oct-21	MW-25A 21-Jun-21	MW-25A 25-Oct-21	MW-26 21-Jun-21	MW-26 26-Oct-21
Geochemical Parameters	Unit													
Dissolved Oxygen, Field	mg/L	0.57	0.31	1.06	4.19	0.72	11.68	0.26	8.21	0.58	0.07	0.18	0.17	1.93
Oxidation-Reduction Potential, Field	mV	8.2	-93.9	-170	-61.7	-160.3	-113	13.4	73.5	-128	-262.5	-147.10	-55.2	-14
pH, Field	pH units	6.97	7.03	6.80	7.29	7.62	7.32	6.77	7.08	6.97	7.91	6.93	7.09	6.91
Specific Conductivity	uS/cm	1,197	1,462	2,000	1,970	732	1,010	1,567	1,117	1,158	697	918	1,890	980
Temperature, Field	deg C	11.93	11.2	13.56	15.06	12.0	12.50	13.61	13.7	16	12.5	14.20	16.8	15.70
Turbidity, Field	NTU	3.60	1.39	66.30	9.50	NM	181	3.20	NM	2.99	32.60	4.24	2.12	2.44

Notes:

mg/L = milligrams per liter

mV = millivolts

pH units = pH units

uS/cm = microSiemens per centimeter

deg C = degrees Celsius

NTU = nephelometric turbidity units

NM = Not Measured

INT-2R, INT-13, INT-14, MW-33, MW-37, MW-38, and MW-39 were dry during the June 2021 sampling event.

Table 4
Groundwater Summary Table
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

	Location ID	MW-26A	MW-26A	MW-27	MW-27	MW-27A	MW-27A	MW-28	MW-28	MW-28A	MW-28A	MW-29	MW-29	MW-29A	MW-29A
	Sample Date	22-Jun-21	26-Oct-21	22-Jun-21	26-Oct-21	22-Jun-21	26-Oct-21	21-Jun-21	26-Oct-21	21-Jun-21	25-Oct-21	21-Jun-21	25-Oct-21	21-Jun-21	25-Oct-21
Geochemical Parameters	Unit														
Dissolved Oxygen, Field	mg/L	0.04	0	1.87	6.85	0.03	0.13	0.37	0	0.32	0	1.54	2.23	0.46	0.13
Oxidation-Reduction Potential, Field	mV	-277.8	-271.10	176.8	38.40	-232.6	-320.10	107.2	-164.50	96.8	-219.60	113.6	29.10	110.8	-284.40
pH, Field	pH units	8.21	7.52	7.28	7.15	8.33	8.26	6.77	7.04	7.82	7.53	6.54	7.04	8.60	8.04
Specific Conductivity	uS/cm	829	753	2,031	1,539	696	689	686	725	607	900	1,517	1,597	1,128	387.20
Temperature, Field	deg C	12.7	14.40	13.7	14.80	13.5	14.50	15.23	15.50	14.22	15.30	14.74	17.40	14.88	17.60
Turbidity, Field	NTU	12.25	2.14	1.44	2.86	NM	17.70	2.20	1.09	40.10	9.87	10.00	5.28	57.00	5.10

Notes:
 mg/L = milligrams per liter
 mV = millivolts
 pH units = pH units
 uS/cm = microSiemens per centimeter
 deg C = degrees Celsius
 NTU = nephelometric turbidity units
 NM = Not Measured
 INT-2R, INT-13, INT-14, MW-33, MW-37, MW-38, and MW-39 were dry during the June 2021 sampling event.

Table 4
Groundwater Summary Table
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

	Location ID Sample Date	MW-31 22-Jun-21	MW-31D 22-Jun-21	MW-33 26-Oct-21	MW-33A 24-Jun-21	MW-33A 26-Oct-21	MW-34 22-Jun-21	MW-34 26-Oct-21	MW-34A 22-Jun-21	MW-34A 26-Oct-21	MW-35A 24-Jun-21	MW-35A 27-Oct-21	MW-36 22-Jun-21	MW-36 26-Oct-21	MW-37 27-Oct-21
Geochemical Parameters	Unit														
Dissolved Oxygen, Field	mg/L	2.63	0.74	2.54	0.30	0.13	0.44	0	0.04	0.03	0.38	0.20	4.62	1.65	1.62
Oxidation-Reduction Potential, Field	mV	46.5	-146.7	10.20	65.7	-240	134.2	-144.30	-150.6	-232.60	13.2	-116.60	-9.0	12.10	62.50
pH, Field	pH units	6.96	7.44	7.07	7.15	7.14	8.08	7.51	7.07	6.76	6.91	6.82	7.77	6.80	6.86
Specific Conductivity	uS/cm	777	946	754	1,350	1,146	2,199	2,794	1,397	1,455	1,605	1,330	617	590	547
Temperature, Field	deg C	13.23	12.58	14.70	14.36	13.10	15.1	16.60	13.3	13.70	12.83	14.70	15.12	16	15.20
Turbidity, Field	NTU	14.60	1.30	7.02	11.00	2.70	4.07	3.45	1.44	3.49	3.46	1.42	59.80	3.61	4.34

Notes:

mg/L = milligrams per liter

mV = millivolts

pH units = pH units

uS/cm = microSiemens per centimeter

deg C = degrees Celsius

NTU = nephelometric turbidity units

NM = Not Measured

INT-2R, INT-13, INT-14, MW-33, MW-37, MW-38, and MW-39 were dry during the June 2021 sampling event.

Table 4
Groundwater Summary Table
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

	Location ID	MW-37A	MW-37A	MW-38	MW-38A	MW-38A	MW-39
	Sample Date	24-Jun-21	27-Oct-21	27-Oct-21	24-Jun-21	27-Oct-21	26-Oct-21
Geochemical Parameters	Unit						
Dissolved Oxygen, Field	mg/L	0.69	0	5.53	2.57	0.56	3.08
Oxidation-Reduction Potential, Field	mV	-6.8	-111	50.50	-84.0	-110.20	27.60
pH, Field	pH units	6.89	6.81	6.93	7.04	7.04	6.75
Specific Conductivity	uS/cm	2,315	1,596	709	1,517	1,163	608
Temperature, Field	deg C	12.49	13.50	16.50	13.05	14	14.70
Turbidity, Field	NTU	1.87	3.97	0.97	25.90	1.17	49.60

Notes:
 mg/L = milligrams per liter
 mV = millivolts
 pH units = pH units
 uS/cm = microSiemens per centimeter
 deg C = degrees Celsius
 NTU = nephelometric turbidity units
 NM = Not Measured
 INT-2R, INT-13, INT-14, MW-33, MW-37, MW-38, and MW-39 were dry during the June 2021 sampling event.

Table 5
Summary of Groundwater Extraction System Discharge Operations
Former Leica, Inc. Facility
Cheektowaga, New York

Date	Meter Reading (gallons)	Flow (gallons)	Average Daily Flow (gallons/day)	Comments
4/30/2021	1,286,656	-	-	
5/10/2021	1,301,182	14,526	1,453	
5/25/2021	-	-	-	Pump offline due to power outage
5/26/2020	-	-	-	Power restored to pump for evaluation and monitoring
5/28/2021	1,320,168	18,986	50	
6/1/2021	-	-	-	SAN-EFFLUENT-20210601-01 collected on 6/1/2021
6/7/2021	1,326,407	6,239	624	
6/8/2021	-	-	-	Pump offline due to power outage
6/9/2021	-	-	-	Power restored to pump; pump back online
6/18/2021	1,338,763	12,356	1,236	
7/13/2021	1,364,561	25,798	1,032	
7/28/2021	1,382,884	18,323	1,222	
8/6/2021	-	-	-	SAN-EFFLUENT-20210806-01 collected on 8/6/2021
8/8/2021	1,388,986	6,102	555	
8/25/2021	1,393,662	4,676	275	
8/27/2021	-	-	-	Pump offline due to power outage
9/13/2021	-	-	-	Power restored to pump; pump back online
9/15/2021	1,398,102	4,440	1,110	Buffalo Sewer Authority inspects system and collects sample
9/25/2021	1,408,675	10,573	1,057	
10/8/2021	1,419,365	10,690	822	
10/26/2021	1,427,128	7,763	431	
11/5/2021	1,450,168	23,040	2,304	
11/6/2021	-	-	-	Pump offline due to power outage
11/15/2021	-	-	-	SAN-EFFLUENT-20211115-01 collected on 11/15/2021
11/16/2021	-	-	-	Power restored to pump; pump back online
11/27/2021	1,487,893	37,725	3,144	
12/9/2021	1,503,286	15,393	1,283	
12/15/2021	-	-	-	Pump offline due to power outage
12/16/2021	-	-	-	Power restored to pump; pump back online
12/30/2021	1,532,315	29,029	1,451	
1/17/2022	1,560,045	27,730	1,541	
1/24/2022	1,568,149	8,104	1,158	
1/30/2022	1,574,934	6,785	1,131	
2/2/2022	1,578,283	3,349	1,116	
2/6/2022	1,582,695	4,412	1,103	
2/25/2022	-	-	-	SAN-EFFLUENT-20220225 collected on 2/25/2022
3/4/2022	1,696,006	113,311	4,358	
3/25/2022	1,734,365	38,359	1,827	
4/1/2022	-	-	-	Modem associated with telemetry is replaced
4/28/2022	1,781,627	47,262	1,390	

494,971 Total Discharged 4/30/2021 - 4/28/2022

Table 6
Summary of Sub-Slab Depressurization System (SSDS) Inspections
Former Leica, Inc. Facility
Cheektowaga, New York

Inspection Date	Inspection Time	Location	Magnehelic Gauge Readings (Inches WC)
30-Jun-21	13:01	Entry Way Vent System	3.4
		Loading Dock Vent System	4.0
		Warehouse Blower No. 1	9.9
		Warehouse Blower No. 2	9.7
		Warehouse Blower No. 3	9.6
		Warehouse Blower No. 4	12.2
		Warehouse Blower No. 5	12.2
		Warehouse Blower No. 6	8.1
		Warehouse Blower No. 7	NM - blower off
		Warehouse Blower No. 8	NM - blower off
06-Aug-21	12:00	Entry Way Vent System	3.4
		Loading Dock Vent System	4.0
		Warehouse Blower No. 1	11.7
		Warehouse Blower No. 2	9.8
		Warehouse Blower No. 3	9.6
		Warehouse Blower No. 4	12.3
		Warehouse Blower No. 5	12.2
		Warehouse Blower No. 6	8.2
		Warehouse Blower No. 7	NM - blower off
		Warehouse Blower No. 8	NM - blower off
15-Nov-21	10:15	Entry Way Vent System	3.0
		Loading Dock Vent System	4.1
		Warehouse Blower No. 1	11.2
		Warehouse Blower No. 2	NM - broken gauge
		Warehouse Blower No. 3	NM - blower down
		Warehouse Blower No. 4	13.3
		Warehouse Blower No. 5	12.2
		Warehouse Blower No. 6	8.2
		Warehouse Blower No. 7	NM - blower off
		Warehouse Blower No. 8	NM - blower off
08-Feb-22	10:00	Entry Way Vent System	3.1
		Loading Dock Vent System	4.4
		Warehouse Blower No. 1	11.5
		Warehouse Blower No. 2	9.9
		Warehouse Blower No. 3	8.5
		Warehouse Blower No. 4	9.5
		Warehouse Blower No. 5	9.2
		Warehouse Blower No. 6	8.1
		Warehouse Blower No. 7	NM - blower off
		Warehouse Blower No. 8	NM - blower off

Notes:

Inches WC = inches of water column

NM = not measured

Blowers 7 & 8 turned off in Fall 2019 due to deteriorating building conditions

Table 7
SSDS Vent Riser Measurements
Former Leica, Inc. Facility
Cheektowaga, New York

Test Port #	Vacuum Reading (Inches of W.C.)	Flow Rate (CFM)	Velocity (ft/min)
Loading Dock-1	3.077	N/A	N/A
Loading Dock-2	4.143	N/A	N/A
VS-1A	-8.446	65.05	2,982
VS-1B	-8.969	22.47	1,030
VS-1C	-8.999	15.74	721
VS-1D	-8.984	24.96	1,144
VS-1E	-9.154	38.46	1,763
VS-1F	-9.090	22.60	1,036
VS-1G	-9.467	25.18	1,154
VS-1H	-8.760	32.75	1,501
VS-1I	-1.645	12.88	590
VS-1J	-9.309	12.68	581
Average/Total	-8.282	27.28	-
VS-2A	-8.247	44.84	1,139
VS-2B	-9.450	NA	NA
VS-2C	-8.206	24.49	1,123
VS-2D	-8.210	25.63	1,179
VS-2E	-4.893	30.59	1,402
VS-2F	-8.603	26.06	1,195
VS-2G	-8.626	19.46	892
VS-2H	-8.607	30.12	1,518
VS-2I	-9.172	21.89	1,003
VS-2J	NA	NA	NA
Average/Total	-8.224	27.89	-
VS-3A	-1.837	25.15	1,153
VS-3B	-1.880	33.68	1,544
VS-3C	-1.680	38.22	1,752
VS-3D	-1.220	48.92	2,242
VS-3F	-3.093	18.76	860
VS-3G	-3.106	17.38	797
VS-3H	-3.647	53.61	2,459
VS-3I	-3.761	23.00	1,054
VS-3J	-6.210	0.46	938
VS-3K	-6.169	104.43	4,773
Average/Total	-3.260	36.36	-
VS-4A	-9.041	23.83	1,092
VS-4B	-9.033	26.35	1,208
VS-4C	-9.032	39.05	1,790
VS-4D	-9.035	21.92	1,005
VS-4E	-8.961	NM	NM
VS-4F	-3.756	18.82	863
Average/Total	-8.143	25.99	-

Table 7
SSDS Vent Riser Measurements
Former Leica, Inc. Facility
Cheektowaga, New York

Test Port #	Vacuum Reading (Inches of W.C.)	Flow Rate (CFM)	Velocity (ft/min)
VS-5A	-0.814	8.77	402
VS-5B	-5.544	44.72	2,050
VS-5C	-7.124	16.82	771
VS-5D	-7.249	24.86	1,139
VS-5E	-6.949	59.15	2,057
VS-5F	-3.666	27.09	1,239
VS-5G	-3.733	16.4	752
VS-5H	-8.137	20.73	950
VS-5I	-0.833	43.28	1,984
Average/Total	-4.894	29.09	-
VS-6A	-0.157	0.90	41
VS-6B	-1.733	9.68	444
VS-6C	-1.029	42.39	1,943
VS-6D	-0.618	22.15	1,015
VS-6E	-1.312	60.78	761
VS-6F	-1.372	48.48	2,222
VS-6G	-1.297	29.19	1,338
VS-6H	-3.187	18.84	863
VS-6I	-3.072	53.56	2,455
VS-6J	-2.535	NM	NM
VS-6K	-4.341	69.01	3,163
VS-6L	-3.894	20.59	675
Average/Total	-2.046	34.14	-

Notes:

Inches of W.C = inches of water column

CFM = cubic feet per minute

ft/min = feet per minute

- = Not applicable

Measurements were collected on 28 February 2022.

System-7 and System-8 were turned off in Fall 2019 due to deteriorating building conditions.

Table 8
SSDS Vacuum Measurements
Former Leica, Inc. Facility
Cheektowaga, New York

Test Port#	Differential Pressure (Inches of W.C.)	Comments
System-1	11.511	
System-2	9.892	
System-3	8.507	
System-4	9.489	
System-5	9.202	
System-6	8.149	
System-7	-	System turned off in Fall 2019 due to deteriorating building conditions
System-8	-	System turned off in Fall 2019 due to deteriorating building conditions
Loading Dock-1	3.077	
Loading Dock-2	4.143	
System 1 Test Ports		
TP-1-1	-0.0041*	
TP-1-2	-0.3955	
TP-1-3	-0.041	
TP-1-4	-0.014	
TP-1-5	-0.071	
TP-1-6	-0.0005	
TP-1-7	-0.0065*	
TP-1-8	-1.558	
TP-1-9	-0.017	
TP-1-10	-0.1031	
TP-1-11	-0.164	
TP-1-12	-0.0109*	
System 2 Test Ports		
TP-2-1	-	Not installed
TP-2-2	-0.0043	
TP-2-3	-0.0042*	
TP-2-4	"-0.0044*	
TP-2-5	-0.0275*	
TP-2-6	-0.0052*	
TP-2-7	-	Not installed
TP-2-8	-	Not installed
TP-2-9	-0.0053	
TP-2-10	-0.0042*	
TP-2-11	-	Not installed
TP-2-12	-0.038	
System 3 Test Ports		
TP-3-1	-	Not installed
TP-3-2	-	Not Installed
TP-3-3	-0.0333	

Table 8
SSDS Vacuum Measurements
Former Leica, Inc. Facility
Cheektowaga, New York

Test Port#	Differential Pressure (Inches of W.C.)	Comments
TP-3-4	-0.051	
TP-3-5	-0.0024	
TP-3-6	-0.0283	
System 4 Test Ports		
TP-4-1	-	not accessible
TP-4-2	-0.0106*	
TP-4-3	-0.0174	
TP-4-4	-0.0064*	
TP-4-5	-0.0104	
TP-4-6	-0.0126	
System 5 Test Ports		
TP-5-1	-0.0056*	
TP-5-2	-0.0005	
TP-5-3	-0.0247	
TP-5-4	-0.0094	
TP-5-5	-0.0063	
TP-5-6	-	Not installed
Loading Dock 1 and 2 Test Port/Sampling Port		
SB-1	-0.15	
SB-2	-0.002	
SB-3	-0.0014	
SB-4	0	
SB-5	-0.0032	

Notes:

Initial measurements were collected on 28 February 2022; however, several of the test ports were covered and ERM had to mobilize a second time to be able to measure all accessible test points. Measurements with an * were collected on 1 April 2022.

Inches of W.C. = inches of water column

- = Not applicable

Bold text indicates differential pressure below -0.004 inches of W.C.

System-6 were not measured at the time of inspection because the test points are in the portion of the building with deteriorating conditions.

System-7 and System-8 were turned off in Fall 2019 due to deteriorating building conditions.

APPENDIX A

INSTITUTIONAL CONTROL AND ENGINEERING CONTROL CERTIFICATION



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site Details

Box 1

Site No. **915156**

Site Name Leica, Inc.

Site Address: Eggert and Sugar Roads Zip Code: 14215
City/Town: Cheektowaga
County: Erie
Site Acreage: 24.100

Reporting Period: April 30, 2021 to April 30, 2022

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

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

Description of Institutional ControlsParcelOwnerInstitutional Control**91.00-1-26.11**

Leica, Inc.

Landuse Restriction
Site Management PlanO&M Plan
IC/EC PlanGround Water Use Restriction
Soil Management Plan
Monitoring Plan

As per Declaration of Covenants and Restrictions (filed on February 28, 2012), the following controls are required :

- 1) Implementation of Site Management Plan, dated September 2011.
- 2) Prohibition of use of groundwater without treatment.
- 3) Prohibition of property use other than commercial or industrial.

91.00-1-26.12

Calypso Development of WNY Inc.

Ground Water Use Restriction
Soil Management Plan
Monitoring Plan
O&M Plan
IC/EC Plan
Landuse Restriction
Site Management Plan

As per Declaration of Covenants and Restrictions (filed on February 28, 2012), the following controls are required :

- 1) Implementation of Site Management Plan, dated September 2011.
- 2) Prohibition of use of groundwater without treatment.
- 3) Prohibition of property use other than commercial or industrial.

Description of Engineering ControlsParcelEngineering Control**91.00-1-26.11**Vapor Mitigation
Groundwater Treatment System
Alternate Water Supply
Fencing/Access Control**91.00-1-26.12**Vapor Mitigation
Groundwater Treatment System
Fencing/Access Control
Alternate Water Supply

Periodic Review Report (PRR) Certification Statements

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

- a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;
- b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO



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

- (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;
- (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;
- (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;
- (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and
- (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO



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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 915156

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I Jeff Ryberg at 250 S. Kraemer Blvd, Brea, CA 92821,
print name print business address

am certifying as Remedial Party (Owner or Remedial Party)

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


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

23 May, 2022
Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Jaydeep Parikh at 75 Valley Stream Parkway, Suite 200 Malvern, PA 19355,
print name print business address

I am certifying as a Professional Engineer for the Remedial Party
(Owner or Remedial Party)

Jaydeep M. Parikh

Signature of Professional Engineer, for the Owner or
Remedial Party, Rendering Certification



Stamp
(Required for PE)

May 27, 2022

Date

APPENDIX B DATA USABILITY SUMMARY REPORTS

DATA USABILITY SUMMARY REPORT (DUSR)Site: Former Leica, Inc. Site, Cheektowaga, NYSDGs: 480-186423-1 to 480-186543-1Laboratory: Eurofins Test America, Buffalo, NY Date: August 10, 2021 rev Sept. 20, 2021

EDS Sample ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MW-29-20210621-01	480-186423-1	Aqueous
2	MW-25-20210621-01	480-186423-2	Aqueous
3	MW-29A-20210621-01	480-186423-3	Aqueous
4	MW-25A-20210621-01	480-186423-4	Aqueous
5	MW-28A-20210621-01	480-186423-5	Aqueous
6	MW-26-20210621-01	480-186423-6	Aqueous
7	MW-28-20210621-01	480-186423-7	Aqueous
8	DUP-01-20210621-01	480-186423-8	Aqueous
9	DUP-02-20210621-01	480-186423-9	Aqueous
10	MW-11A-20210622-01	480-186423-10	Aqueous
11	MW-26A-20210622-01	480-186423-11	Aqueous
12	MW-27-20210622-01	480-186423-12	Aqueous
13	MW-31-20210622-01	480-186423-13	Aqueous
14	MW-31D-20210622-01	480-186423-14	Aqueous
15	MW-27A-20210622-01	480-186423-15	Aqueous
16	TB-01-20210621-01	480-186423-16	QC
17	MW-42A-20210621-01	480-186424-1	Aqueous
18	MW-43A-20210621-01	480-186424-2	Aqueous
19	MW-40A-20210622-01	480-186424-3	Aqueous
20	MW-41A-20210622-01	480-186424-4	Aqueous
21	TW-05-20210623-01	480-186472-1	Aqueous
22	TW-07-20210623-01	480-186472-2	Aqueous
23	TW-08-20210623-01	480-186472-3	Aqueous
24	TW-04-20210623-01	480-186472-4	Aqueous
25	TW-06-20210623-01	480-186472-5	Aqueous
26	TW-03-20210623-01	480-186472-6	Aqueous
27	TW-09-20210623-01	480-186472-7	Aqueous
28	TW-DUP-20210623-01	480-186472-8	Aqueous
29	MW-44A-20210622-01	480-186477-1	Aqueous
30	MW-45A-20210622-01	480-186477-2	Aqueous
31	STANS-DUP-20210622-01	480-186477-3	Aqueous
32	MW-44-20210622-01	480-186477-4	Aqueous

EDS Sample ID	Client Sample ID	Laboratory Sample ID	Matrix
33	MW-36-20210622-01	480-186479-1	Aqueous
34	MW-34A-20210622-01	480-186479-2	Aqueous
35	MW-6A-20210622-01	480-186479-3	Aqueous
36	MW-34-20210622-01	480-186479-4	Aqueous
36MS	MW-34-20210622-01 MS	480-186479-4	Aqueous
36MSD	MW-34-20210622-01 MSD	480-186479-4	Aqueous
37	TB-02-20210622-01	480-186479-5	QC
38	MW-14-20210623-01	480-186528-1	Aqueous
39	MW-16A-20210624-01	480-186528-2	Aqueous
40	MW-35A-20210624-01	480-186528-3	Aqueous
41	MW-24A-20210624-01	480-186528-4	Aqueous
42	MW-33A-20210624-01	480-186528-5	Aqueous
43	TB-03-20210623-01	480-186528-6	QC
44	TW-10-20210623-01	480-186530-1	Aqueous
45	TW-11-20210623-01	480-186530-2	Aqueous
46	TW-02-20210623-01	480-186530-3	Aqueous
47	TW-01-20210624-01	480-186530-4	Aqueous
48	MW-37A-20210624-1	480-186533-1	Aqueous
49	MW-38A-20210624-1	480-186533-2	Aqueous
50	MW-23-20210624-1	480-186533-3	Aqueous
51	TB-04-20210624-1	480-186533-4	QC
52	TW-12-20210624-01	480-186543-1	Aqueous

Note (s): The laboratory reports positively identified results between the reporting limit (RL) and the method detection limit (MDL) with a J. These results are considered estimated, however still valid and useable for project objectives.

The laboratory reports non-detects as ND on the Form 1s. Any qualification that requires non-detects to be qualified as estimated, UJ, will be presented on the Form 1s as UJ and the ND crossed off.

VOLATILE ORGANIC COMPOUNDS

USEPA SW-846 8260C

The analytical method, the NYSDEC ASP, the USEPA CLP National Functional Guidelines for Organic Superfund Methods Data Review (November 2020) and the reviewer's professional judgment were used in evaluating the data in this summary report.

Holding Times (HT) - All HT criteria were met.

Surrogates - All surrogate percent recoveries (%R) met QC criteria.

Lab Check Sample (LCS) – All %R met QC criteria except those listed below.

LCS Batch	Analytes	%R (Bias)	Associated Samples (EDS ID)	Qualifier
586893	1,1,1-Trichloroethane Acetone	127 (High) 145 (High)	1-16	None – All ND
587071	2-Butanone	192/194 (High)	22-28	None – All ND
587187	Methyltert-butylether	122 (High)	29-32	None – All ND

Matrix Spike/Matrix Spike Duplicate (MS/MSD) - An MS/MSD was not collected with this data set however the lab analyzed an MS/MSD on EDS ID 36 to meet method requirements. All %R and RPD met criteria except those listed below.

EDS ID	Analytes	MS %R / MSD %R / RPD	Qualifier
36	cis-1,2-Dichloroethene	58/41/OK	J

Method Blank (MB) - No target analytes were observed in the MBs except those listed below.

MB ID	Analyte (Concentration ppb)	Associated EDS IDs	Qualifier	Qualified Samples
MB 480-587342/7	Methylene chloride (0.576)	29 DL, 31 DL, 33-37	U	31 DL, 33, 34

Trip Blank (TB) – No target analytes were observed in the TBs except those listed below.

EDS ID	Analyte (Concentration ppb)	Associated EDS IDs	Qualifier	Qualified Samples
51	Acetone (3.3)	All samples in 480-186533-1	U	50

GC/MS Tuning - All of the instrument tunes met QC criteria.

Initial Calibration (ICAL) - The ICAL exhibited %RSD and mean relative response factor (RRF) values within QC criteria.

Continuing Calibration (CCV) – The CCVs exhibited percent deviation (%D) and RRF values within QC criteria, except those listed in the table below. The laboratory has noted analytes not meeting CCV criteria in the narratives, however the %D met validation

criteria and no qualification is required. Analytes meeting validation criteria are not listed in the table below.

CCV	Analytes (%D)	Associated EDS IDs	Qualifier
CCVIS 480-587710/3	1,1,2-Trichloro-1,2,2-trifluoroethane (32.8) Chloroethane (26.6)	38	UJ

Internal Standard (IS) Area Performance - All internal standards met area response and retention time (RT) criteria.

Blind Field Duplicate – The following are blind field duplicate pairs. EDS ID 8 is a blind field duplicate of EDS ID 3; EDS ID 9 / 4; EDS ID 28 / 22 and EDS ID 31 / 29. All results matched well.

Sample Analysis – Headspace was observed in EDS ID 38. Results are possibly biased low and have been qualified J/UJ.

EDS IDs 28 (2x) and 39 (50x) were reanalyzed at dilutions due to cis-1,2-Dichloroethene exceeding the calibration range of the instrument in the initial analyses. The lab has flagged cis-1,2-Dichloroethene with an E on the Form 1s. The dilutions were justified. The results for cis-1,2-Dichloroethene are reported from the diluted analyses and circled on the Form 1s. All other analytes are reported from the initial analyses.

EDS IDs 29 (4x) and 31 (4x) were reanalyzed at dilutions due to Vinyl Chloride exceeding the calibration range of the instrument in the initial analyses. The lab has flagged Vinyl Chloride with an E on the Form 1s. The dilutions were justified. The results for Vinyl Chloride are reported from the diluted analyses and circled on the Form 1s. All other analytes are reported from the initial analyses. No qualification of the sample data is required.

EDS ID 6 was analyzed at a dilution (4x) due to foaming. The dilution was justified. The end user should be aware of elevated RLs. No qualification required.

EDS IDs 10 (8x), 22 (2x), 29 (2x), 31 (2x), 33 (5x), 34 (5x), 35 (10x), 38 (5x), 39 (10x), and 44 (2x) were analyzed at dilutions in an effort to obtain target analyte concentrations within the calibration range. The dilutions were justified. The end user should be aware of elevated RLs. No qualification required.

No other issues were observed.

Data Qualifier	Definition
None	The analyte was positively identified at the associated numerical value which is the concentration of the analyte in the sample.
U (ND)	Non-Detect. The analyte was analyzed for, but not detected. The associated numerical value is the RL. The value is usable as a non-detect at the RL.
J	Estimated value. The analyte was detected at a concentration below the RL but greater than the MDL or, the value was designated as estimated as a result of the data validation criteria. The value is usable as an estimated result.
UJ (ND J)	The analyte was analyzed for, but not detected. The associated numerical value is the RL. The value is an estimated quantity due to a QC exceedance. The value is usable as a non-detect at the estimated RL.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-29-20210621-01 Lab Sample ID: 480-186423-1
 Matrix: Water Lab File ID: N3757.D
 Analysis Method: 8260C Date Collected: 06/21/2021 11:55
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 00:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~+~~	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND	~~+~~	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	2.2		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-29-20210621-01 Lab Sample ID: 480-186423-1
 Matrix: Water Lab File ID: N3757.D
 Analysis Method: 8260C Date Collected: 06/21/2021 11:55
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 00:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.21	J	1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	0.57	J	1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	88		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	106		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-25-20210621-01 Lab Sample ID: 480-186423-2
 Matrix: Water Lab File ID: N3758.D
 Analysis Method: 8260C Date Collected: 06/21/2021 12:05
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 00:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~+~~	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND	~~+~~	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-25-20210621-01 Lab Sample ID: 480-186423-2
 Matrix: Water Lab File ID: N3758.D
 Analysis Method: 8260C Date Collected: 06/21/2021 12:05
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 00:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	108		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-29A-20210621-01 Lab Sample ID: 480-186423-3
 Matrix: Water Lab File ID: N3759.D
 Analysis Method: 8260C Date Collected: 06/21/2021 12:55
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 01:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~+~~	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND	~~+~~	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	3.3		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-29A-20210621-01 Lab Sample ID: 480-186423-3
 Matrix: Water Lab File ID: N3759.D
 Analysis Method: 8260C Date Collected: 06/21/2021 12:55
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 01:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	111		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-25A-20210621-01 Lab Sample ID: 480-186423-4
 Matrix: Water Lab File ID: N3760.D
 Analysis Method: 8260C Date Collected: 06/21/2021 13:25
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 01:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~*/~~	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND	~~*/~~	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	1.1		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-25A-20210621-01 Lab Sample ID: 480-186423-4
 Matrix: Water Lab File ID: N3760.D
 Analysis Method: 8260C Date Collected: 06/21/2021 13:25
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 01:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	4.7		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	108		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-28A-20210621-01 Lab Sample ID: 480-186423-5
 Matrix: Water Lab File ID: N3761.D
 Analysis Method: 8260C Date Collected: 06/21/2021 15:05
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 01:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~+~~	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND	~~+~~	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-28A-20210621-01 Lab Sample ID: 480-186423-5
 Matrix: Water Lab File ID: N3761.D
 Analysis Method: 8260C Date Collected: 06/21/2021 15:05
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 01:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	111		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-26-20210621-01 Lab Sample ID: 480-186423-6
 Matrix: Water Lab File ID: N3762.D
 Analysis Method: 8260C Date Collected: 06/21/2021 16:15
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 02:17
 Soil Aliquot Vol: _____ Dilution Factor: 4
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~+~~	4.0	3.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		4.0	0.84
79-00-5	1,1,2-Trichloroethane	ND		4.0	0.92
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2
75-34-3	1,1-Dichloroethane	ND		4.0	1.5
75-35-4	1,1-Dichloroethene	ND		4.0	1.2
120-82-1	1,2,4-Trichlorobenzene	ND		4.0	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	ND		4.0	1.6
95-50-1	1,2-Dichlorobenzene	ND		4.0	3.2
107-06-2	1,2-Dichloroethane	ND		4.0	0.84
78-87-5	1,2-Dichloropropane	ND		4.0	2.9
541-73-1	1,3-Dichlorobenzene	ND		4.0	3.1
106-46-7	1,4-Dichlorobenzene	ND		4.0	3.4
78-93-3	2-Butanone (MEK)	ND		40	5.3
591-78-6	2-Hexanone	ND		20	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		20	8.4
67-64-1	Acetone	ND	~~+~~	40	12
71-43-2	Benzene	ND		4.0	1.6
75-27-4	Bromodichloromethane	ND		4.0	1.6
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		4.0	2.8
75-15-0	Carbon disulfide	ND		4.0	0.76
56-23-5	Carbon tetrachloride	ND		4.0	1.1
108-90-7	Chlorobenzene	ND		4.0	3.0
124-48-1	Dibromochloromethane	ND		4.0	1.3
75-00-3	Chloroethane	ND		4.0	1.3
67-66-3	Chloroform	ND		4.0	1.4
74-87-3	Chloromethane	ND		4.0	1.4
156-59-2	cis-1,2-Dichloroethene	ND		4.0	3.2
10061-01-5	cis-1,3-Dichloropropene	ND		4.0	1.4
110-82-7	Cyclohexane	ND		4.0	0.72
75-71-8	Dichlorodifluoromethane	ND		4.0	2.7
100-41-4	Ethylbenzene	ND		4.0	3.0
106-93-4	1,2-Dibromoethane	ND		4.0	2.9
98-82-8	Isopropylbenzene	ND		4.0	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-26-20210621-01 Lab Sample ID: 480-186423-6
 Matrix: Water Lab File ID: N3762.D
 Analysis Method: 8260C Date Collected: 06/21/2021 16:15
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 02:17
 Soil Aliquot Vol: _____ Dilution Factor: 4
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		10	5.2
1634-04-4	Methyl tert-butyl ether	ND		4.0	0.64
108-87-2	Methylcyclohexane	ND		4.0	0.64
75-09-2	Methylene Chloride	ND		4.0	1.8
100-42-5	Styrene	ND		4.0	2.9
127-18-4	Tetrachloroethene	ND		4.0	1.4
108-88-3	Toluene	ND		4.0	2.0
156-60-5	trans-1,2-Dichloroethene	ND		4.0	3.6
10061-02-6	trans-1,3-Dichloropropene	ND		4.0	1.5
79-01-6	Trichloroethene	ND		4.0	1.8
75-69-4	Trichlorofluoromethane	ND		4.0	3.5
75-01-4	Vinyl chloride	ND		4.0	3.6
1330-20-7	Xylenes, Total	ND		8.0	2.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	94		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		77-120
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120
1868-53-7	Dibromofluoromethane (Surr)	115		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1

SDG No.: _____

Client Sample ID: MW-28-20210621-01 Lab Sample ID: 480-186423-7

Matrix: Water Lab File ID: N3763.D

Analysis Method: 8260C Date Collected: 06/21/2021 16:25

Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 02:40

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~+~~	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND	~~+~~	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	40		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-28-20210621-01 Lab Sample ID: 480-186423-7
 Matrix: Water Lab File ID: N3763.D
 Analysis Method: 8260C Date Collected: 06/21/2021 16:25
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 02:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	1.2		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	8.2		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-120
460-00-4	4-Bromofluorobenzene (Surr)	104		73-120
1868-53-7	Dibromofluoromethane (Surr)	107		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: DUP-01-20210621-01 Lab Sample ID: 480-186423-8
 Matrix: Water Lab File ID: N3764.D
 Analysis Method: 8260C Date Collected: 06/21/2021 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 03:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~+~~	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND	~~+~~	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	4.8		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: DUP-01-20210621-01 Lab Sample ID: 480-186423-8
 Matrix: Water Lab File ID: N3764.D
 Analysis Method: 8260C Date Collected: 06/21/2021 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 03:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	0.98	J	1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		77-120
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	113		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: DUP-02-20210621-01 Lab Sample ID: 480-186423-9
 Matrix: Water Lab File ID: N3765.D
 Analysis Method: 8260C Date Collected: 06/21/2021 12:05
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 03:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~++~~	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND	~~++~~	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	1.0		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: DUP-02-20210621-01 Lab Sample ID: 480-186423-9
 Matrix: Water Lab File ID: N3765.D
 Analysis Method: 8260C Date Collected: 06/21/2021 12:05
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 03:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	4.6		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	89		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	112		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-11A-20210622-01 Lab Sample ID: 480-186423-10
 Matrix: Water Lab File ID: N3766.D
 Analysis Method: 8260C Date Collected: 06/22/2021 08:25
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 03:50
 Soil Aliquot Vol: _____ Dilution Factor: 8
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~+~~	8.0	6.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		8.0	1.7
79-00-5	1,1,2-Trichloroethane	ND		8.0	1.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5
75-34-3	1,1-Dichloroethane	ND		8.0	3.0
75-35-4	1,1-Dichloroethene	ND		8.0	2.3
120-82-1	1,2,4-Trichlorobenzene	ND		8.0	3.3
96-12-8	1,2-Dibromo-3-Chloropropane	ND		8.0	3.1
95-50-1	1,2-Dichlorobenzene	ND		8.0	6.3
107-06-2	1,2-Dichloroethane	ND		8.0	1.7
78-87-5	1,2-Dichloropropane	ND		8.0	5.8
541-73-1	1,3-Dichlorobenzene	ND		8.0	6.2
106-46-7	1,4-Dichlorobenzene	ND		8.0	6.7
78-93-3	2-Butanone (MEK)	ND		80	11
591-78-6	2-Hexanone	ND		40	9.9
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		40	17
67-64-1	Acetone	ND	~~+~~	80	24
71-43-2	Benzene	ND		8.0	3.3
75-27-4	Bromodichloromethane	ND		8.0	3.1
75-25-2	Bromoform	ND		8.0	2.1
74-83-9	Bromomethane	ND		8.0	5.5
75-15-0	Carbon disulfide	ND		8.0	1.5
56-23-5	Carbon tetrachloride	ND		8.0	2.2
108-90-7	Chlorobenzene	ND		8.0	6.0
124-48-1	Dibromochloromethane	ND		8.0	2.6
75-00-3	Chloroethane	ND		8.0	2.6
67-66-3	Chloroform	ND		8.0	2.7
74-87-3	Chloromethane	ND		8.0	2.8
156-59-2	cis-1,2-Dichloroethene	200		8.0	6.5
10061-01-5	cis-1,3-Dichloropropene	ND		8.0	2.9
110-82-7	Cyclohexane	ND		8.0	1.4
75-71-8	Dichlorodifluoromethane	ND		8.0	5.4
100-41-4	Ethylbenzene	ND		8.0	5.9
106-93-4	1,2-Dibromoethane	ND		8.0	5.8
98-82-8	Isopropylbenzene	ND		8.0	6.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-11A-20210622-01 Lab Sample ID: 480-186423-10
 Matrix: Water Lab File ID: N3766.D
 Analysis Method: 8260C Date Collected: 06/22/2021 08:25
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 03:50
 Soil Aliquot Vol: _____ Dilution Factor: 8
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		20	10
1634-04-4	Methyl tert-butyl ether	ND		8.0	1.3
108-87-2	Methylcyclohexane	ND		8.0	1.3
75-09-2	Methylene Chloride	ND		8.0	3.5
100-42-5	Styrene	ND		8.0	5.8
127-18-4	Tetrachloroethene	ND		8.0	2.9
108-88-3	Toluene	ND		8.0	4.1
156-60-5	trans-1,2-Dichloroethene	ND		8.0	7.2
10061-02-6	trans-1,3-Dichloropropene	ND		8.0	3.0
79-01-6	Trichloroethene	ND		8.0	3.7
75-69-4	Trichlorofluoromethane	ND		8.0	7.0
75-01-4	Vinyl chloride	250		8.0	7.2
1330-20-7	Xylenes, Total	ND		16	5.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	88		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
1868-53-7	Dibromofluoromethane (Surr)	107		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-26A-20210622-01 Lab Sample ID: 480-186423-11
 Matrix: Water Lab File ID: N3767.D
 Analysis Method: 8260C Date Collected: 06/22/2021 08:30
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 04:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~+~~	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND	~~+~~	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	49		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	0.32	J	1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-26A-20210622-01 Lab Sample ID: 480-186423-11
 Matrix: Water Lab File ID: N3767.D
 Analysis Method: 8260C Date Collected: 06/22/2021 08:30
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 04:13
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.22	J	1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	1.5		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
1868-53-7	Dibromofluoromethane (Surr)	108		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1

SDG No.: _____

Client Sample ID: MW-27-20210622-01 Lab Sample ID: 480-186423-12

Matrix: Water Lab File ID: N3768.D

Analysis Method: 8260C Date Collected: 06/22/2021 10:00

Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 04:36

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~***~~	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND	~~***~~	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-27-20210622-01 Lab Sample ID: 480-186423-12
 Matrix: Water Lab File ID: N3768.D
 Analysis Method: 8260C Date Collected: 06/22/2021 10:00
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 04:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.22	J	1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	106		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-31-20210622-01 Lab Sample ID: 480-186423-13
 Matrix: Water Lab File ID: N3769.D
 Analysis Method: 8260C Date Collected: 06/22/2021 10:15
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 04:59
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~+~~	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND	~~+~~	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-31-20210622-01 Lab Sample ID: 480-186423-13
 Matrix: Water Lab File ID: N3769.D
 Analysis Method: 8260C Date Collected: 06/22/2021 10:15
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 04:59
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-120
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120
1868-53-7	Dibromofluoromethane (Surr)	103		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-31D-20210622-01 Lab Sample ID: 480-186423-14
 Matrix: Water Lab File ID: N3770.D
 Analysis Method: 8260C Date Collected: 06/22/2021 11:15
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 05:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~+~~	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND	~~+~~	10	3.0
71-43-2	Benzene	2.3		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-31D-20210622-01 Lab Sample ID: 480-186423-14
 Matrix: Water Lab File ID: N3770.D
 Analysis Method: 8260C Date Collected: 06/22/2021 11:15
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 05:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	88		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
1868-53-7	Dibromofluoromethane (Surr)	109		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-27A-20210622-01 Lab Sample ID: 480-186423-15
 Matrix: Water Lab File ID: N3771.D
 Analysis Method: 8260C Date Collected: 06/22/2021 12:40
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 05:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~+~~	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND	~~+~~	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	0.39	J	1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: MW-27A-20210622-01 Lab Sample ID: 480-186423-15
 Matrix: Water Lab File ID: N3771.D
 Analysis Method: 8260C Date Collected: 06/22/2021 12:40
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 05:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
1868-53-7	Dibromofluoromethane (Surr)	112		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: TB-01-20210621-01 Lab Sample ID: 480-186423-16
 Matrix: Water Lab File ID: N3772.D
 Analysis Method: 8260C Date Collected: 06/21/2021 11:00
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 06:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	~~+~~	1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND	~~+~~	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186423-1
 SDG No.: _____
 Client Sample ID: TB-01-20210621-01 Lab Sample ID: 480-186423-16
 Matrix: Water Lab File ID: N3772.D
 Analysis Method: 8260C Date Collected: 06/21/2021 11:00
 Sample wt/vol: 5(mL) Date Analyzed: 06/25/2021 06:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 586893 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	110		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186424-1
 SDG No.: _____
 Client Sample ID: MW-42A-20210621-01 Lab Sample ID: 480-186424-1
 Matrix: Water Lab File ID: D1776.D
 Analysis Method: 8260C Date Collected: 06/21/2021 13:45
 Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2021 03:09
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587057 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	1.5		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	6.3		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186424-1
 SDG No.: _____
 Client Sample ID: MW-42A-20210621-01 Lab Sample ID: 480-186424-1
 Matrix: Water Lab File ID: D1776.D
 Analysis Method: 8260C Date Collected: 06/21/2021 13:45
 Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2021 03:09
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587057 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	21		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		77-120
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186424-1
 SDG No.: _____
 Client Sample ID: MW-43A-20210621-01 Lab Sample ID: 480-186424-2
 Matrix: Water Lab File ID: D1777.D
 Analysis Method: 8260C Date Collected: 06/21/2021 16:55
 Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2021 03:32
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587057 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	5.0	J	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	3.1		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	0.49	J	1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186424-1
 SDG No.: _____
 Client Sample ID: MW-43A-20210621-01 Lab Sample ID: 480-186424-2
 Matrix: Water Lab File ID: D1777.D
 Analysis Method: 8260C Date Collected: 06/21/2021 16:55
 Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2021 03:32
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587057 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	2.8		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
1868-53-7	Dibromofluoromethane (Surr)	100		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186424-1
 SDG No.: _____
 Client Sample ID: MW-40A-20210622-01 Lab Sample ID: 480-186424-3
 Matrix: Water Lab File ID: D1778.D
 Analysis Method: 8260C Date Collected: 06/22/2021 09:40
 Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2021 03:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587057 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	3.7	J	10	3.0
71-43-2	Benzene	5.4		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	29		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	1.3		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186424-1
 SDG No.: _____
 Client Sample ID: MW-40A-20210622-01 Lab Sample ID: 480-186424-3
 Matrix: Water Lab File ID: D1778.D
 Analysis Method: 8260C Date Collected: 06/22/2021 09:40
 Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2021 03:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587057 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	12		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	14		1.0	0.90
1330-20-7	Xylenes, Total	0.75	J	2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		77-120
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186424-1

SDG No.: _____

Client Sample ID: MW-41A-20210622-01 Lab Sample ID: 480-186424-4

Matrix: Water Lab File ID: D1779.D

Analysis Method: 8260C Date Collected: 06/22/2021 12:10

Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2021 04:17

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587057 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Bromodichloromethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Dibromochloromethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186424-1
 SDG No.: _____
 Client Sample ID: MW-41A-20210622-01 Lab Sample ID: 480-186424-4
 Matrix: Water Lab File ID: D1779.D
 Analysis Method: 8260C Date Collected: 06/22/2021 12:10
 Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2021 04:17
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587057 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-120
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1

SDG No.: _____

Client Sample ID: TW-05-20210623-01 Lab Sample ID: 480-186472-1

Matrix: Water Lab File ID: L12800.D

Analysis Method: 8260C Date Collected: 06/23/2021 08:50

Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 15:01

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587096 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	1.7		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1
 SDG No.: _____
 Client Sample ID: TW-05-20210623-01 Lab Sample ID: 480-186472-1
 Matrix: Water Lab File ID: L12800.D
 Analysis Method: 8260C Date Collected: 06/23/2021 08:50
 Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 15:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587096 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	0.42	J	1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		77-120
460-00-4	4-Bromofluorobenzene (Surr)	89		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1
 SDG No.: _____
 Client Sample ID: TW-07-20210623-01 Lab Sample ID: 480-186472-2
 Matrix: Water Lab File ID: L12776.D
 Analysis Method: 8260C Date Collected: 06/23/2021 09:15
 Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 04:52
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587071 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2.0	1.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.42
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.46
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62
75-34-3	1,1-Dichloroethane	3.1		2.0	0.76
75-35-4	1,1-Dichloroethene	ND		2.0	0.58
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.82
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.78
95-50-1	1,2-Dichlorobenzene	ND		2.0	1.6
107-06-2	1,2-Dichloroethane	ND		2.0	0.42
78-87-5	1,2-Dichloropropane	ND		2.0	1.4
541-73-1	1,3-Dichlorobenzene	ND		2.0	1.6
106-46-7	1,4-Dichlorobenzene	ND		2.0	1.7
78-93-3	2-Butanone (MEK)	ND	*1	20	2.6
591-78-6	2-Hexanone	ND		10	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	4.2
67-64-1	Acetone	ND		20	6.0
71-43-2	Benzene	ND		2.0	0.82
75-27-4	Dichlorobromomethane	ND		2.0	0.78
75-25-2	Bromoform	ND		2.0	0.52
74-83-9	Bromomethane	ND		2.0	1.4
75-15-0	Carbon disulfide	ND		2.0	0.38
56-23-5	Carbon tetrachloride	ND		2.0	0.54
108-90-7	Chlorobenzene	ND		2.0	1.5
124-48-1	Chlorodibromomethane	ND		2.0	0.64
75-00-3	Chloroethane	ND		2.0	0.64
67-66-3	Chloroform	ND		2.0	0.68
74-87-3	Chloromethane	ND		2.0	0.70
156-59-2	cis-1,2-Dichloroethene	110		2.0	1.6
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.72
110-82-7	Cyclohexane	ND		2.0	0.36
75-71-8	Dichlorodifluoromethane	ND		2.0	1.4
100-41-4	Ethylbenzene	ND		2.0	1.5
106-93-4	1,2-Dibromoethane	ND		2.0	1.5
98-82-8	Isopropylbenzene	ND		2.0	1.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1
 SDG No.: _____
 Client Sample ID: TW-07-20210623-01 Lab Sample ID: 480-186472-2
 Matrix: Water Lab File ID: L12776.D
 Analysis Method: 8260C Date Collected: 06/23/2021 09:15
 Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 04:52
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587071 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.0	2.6
1634-04-4	Methyl tert-butyl ether	ND		2.0	0.32
108-87-2	Methylcyclohexane	ND		2.0	0.32
75-09-2	Methylene Chloride	ND		2.0	0.88
100-42-5	Styrene	ND		2.0	1.5
127-18-4	Tetrachloroethene	ND		2.0	0.72
108-88-3	Toluene	ND		2.0	1.0
156-60-5	trans-1,2-Dichloroethene	3.0		2.0	1.8
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.74
79-01-6	Trichloroethene	2.5		2.0	0.92
75-69-4	Trichlorofluoromethane	ND		2.0	1.8
75-01-4	Vinyl chloride	6.7		2.0	1.8
1330-20-7	Xylenes, Total	ND		4.0	1.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-120
460-00-4	4-Bromofluorobenzene (Surr)	85		73-120
1868-53-7	Dibromofluoromethane (Surr)	102		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1

SDG No.: _____

Client Sample ID: TW-08-20210623-01 Lab Sample ID: 480-186472-3

Matrix: Water Lab File ID: L12777.D

Analysis Method: 8260C Date Collected: 06/23/2021 10:25

Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 05:14

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587071 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND	~~+~~	10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1
 SDG No.: _____
 Client Sample ID: TW-08-20210623-01 Lab Sample ID: 480-186472-3
 Matrix: Water Lab File ID: L12777.D
 Analysis Method: 8260C Date Collected: 06/23/2021 10:25
 Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 05:14
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587071 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-120
460-00-4	4-Bromofluorobenzene (Surr)	84		73-120
1868-53-7	Dibromofluoromethane (Surr)	102		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1
 SDG No.: _____
 Client Sample ID: TW-04-20210623-01 Lab Sample ID: 480-186472-4
 Matrix: Water Lab File ID: L12778.D
 Analysis Method: 8260C Date Collected: 06/23/2021 10:35
 Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 05:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587071 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND	*4	10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	1.6		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1
 SDG No.: _____
 Client Sample ID: TW-04-20210623-01 Lab Sample ID: 480-186472-4
 Matrix: Water Lab File ID: L12778.D
 Analysis Method: 8260C Date Collected: 06/23/2021 10:35
 Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 05:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587071 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	0.80	J	1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	107		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1
 SDG No.: _____
 Client Sample ID: TW-06-20210623-01 Lab Sample ID: 480-186472-5
 Matrix: Water Lab File ID: L12779.D
 Analysis Method: 8260C Date Collected: 06/23/2021 11:30
 Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 05:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587071 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND	*f	10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1
 SDG No.: _____
 Client Sample ID: TW-06-20210623-01 Lab Sample ID: 480-186472-5
 Matrix: Water Lab File ID: L12779.D
 Analysis Method: 8260C Date Collected: 06/23/2021 11:30
 Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 05:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587071 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	94		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	92		73-120
1868-53-7	Dibromofluoromethane (Surr)	106		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1

SDG No.: _____

Client Sample ID: TW-03-20210623-01 Lab Sample ID: 480-186472-6

Matrix: Water Lab File ID: L12780.D

Analysis Method: 8260C Date Collected: 06/23/2021 12:35

Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 06:21

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587071 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND	*f	10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1
 SDG No.: _____
 Client Sample ID: TW-03-20210623-01 Lab Sample ID: 480-186472-6
 Matrix: Water Lab File ID: L12780.D
 Analysis Method: 8260C Date Collected: 06/23/2021 12:35
 Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 06:21
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587071 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	95		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	93		73-120
1868-53-7	Dibromofluoromethane (Surr)	106		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1
 SDG No.: _____
 Client Sample ID: TW-09-20210623-01 Lab Sample ID: 480-186472-7
 Matrix: Water Lab File ID: L12781.D
 Analysis Method: 8260C Date Collected: 06/23/2021 13:10
 Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 06:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587071 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND	~~4~~	10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1
 SDG No.: _____
 Client Sample ID: TW-09-20210623-01 Lab Sample ID: 480-186472-7
 Matrix: Water Lab File ID: L12781.D
 Analysis Method: 8260C Date Collected: 06/23/2021 13:10
 Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 06:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587071 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	95		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	93		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1
 SDG No.: _____
 Client Sample ID: TW-DUP-20210623-01 Lab Sample ID: 480-186472-8
 Matrix: Water Lab File ID: L12782.D
 Analysis Method: 8260C Date Collected: 06/23/2021 13:00
 Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 07:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587071 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	2.9		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND	~~+~~	10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	0.43	J	1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	~~cis-1,2-Dichloroethene~~	~~110~~	~~E~~	1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1
 SDG No.: _____
 Client Sample ID: TW-DUP-20210623-01 Lab Sample ID: 480-186472-8
 Matrix: Water Lab File ID: L12782.D
 Analysis Method: 8260C Date Collected: 06/23/2021 13:00
 Sample wt/vol: 5(mL) Date Analyzed: 06/26/2021 07:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587071 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	3.1		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	2.5		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	7.2		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	93		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Buffalo</u>	Job No.: <u>480-186472-1</u>
SDG No.: _____	
Client Sample ID: <u>TW-DUP-20210623-01 DL</u>	Lab Sample ID: <u>480-186472-8 DL</u>
Matrix: <u>Water</u>	Lab File ID: <u>L12801.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/23/2021 13:00</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/26/2021 15:23</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>2</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (30) VOA ID: 0.25(mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>587096</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2.0	1.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.42
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.46
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62
75-34-3	1,1-Dichloroethane	2.9		2.0	0.76
75-35-4	1,1-Dichloroethene	ND		2.0	0.58
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.82
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.78
95-50-1	1,2-Dichlorobenzene	ND		2.0	1.6
107-06-2	1,2-Dichloroethane	ND		2.0	0.42
78-87-5	1,2-Dichloropropane	ND		2.0	1.4
541-73-1	1,3-Dichlorobenzene	ND		2.0	1.6
106-46-7	1,4-Dichlorobenzene	ND		2.0	1.7
78-93-3	2-Butanone (MEK)	ND		20	2.6
591-78-6	2-Hexanone	ND		10	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	4.2
67-64-1	Acetone	ND		20	6.0
71-43-2	Benzene	ND		2.0	0.82
75-27-4	Dichlorobromomethane	ND		2.0	0.78
75-25-2	Bromoform	ND		2.0	0.52
74-83-9	Bromomethane	ND		2.0	1.4
75-15-0	Carbon disulfide	ND		2.0	0.38
56-23-5	Carbon tetrachloride	ND		2.0	0.54
108-90-7	Chlorobenzene	ND		2.0	1.5
124-48-1	Chlorodibromomethane	ND		2.0	0.64
75-00-3	Chloroethane	ND		2.0	0.64
67-66-3	Chloroform	ND		2.0	0.68
74-87-3	Chloromethane	ND		2.0	0.70
156-59-2	cis-1,2-Dichloroethene	110		2.0	1.6
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.72
110-82-7	Cyclohexane	ND		2.0	0.36
75-71-8	Dichlorodifluoromethane	ND		2.0	1.4
100-41-4	Ethylbenzene	ND		2.0	1.5
106-93-4	1,2-Dibromoethane	ND		2.0	1.5
98-82-8	Isopropylbenzene	ND		2.0	1.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186472-1
 SDG No.: _____
 Client Sample ID: TW-DUP-20210623-01 DL Lab Sample ID: 480-186472-8 DL
 Matrix: Water Lab File ID: L12801.D
 Analysis Method: 8260C Date Collected: 06/23/2021 13:00
 Sample wt/vol: 5 (mL) Date Analyzed: 06/26/2021 15:23
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: ZB-624 (30) VOA ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587096 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.0	2.6
1634-04-4	Methyl tert-butyl ether	ND		2.0	0.32
108-87-2	Methylcyclohexane	ND		2.0	0.32
75-09-2	Methylene Chloride	ND		2.0	0.88
100-42-5	Styrene	ND		2.0	1.5
127-18-4	Tetrachloroethene	ND		2.0	0.72
108-88-3	Toluene	ND		2.0	1.0
156-60-5	trans-1,2-Dichloroethene	2.9		2.0	1.8
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.74
79-01-6	Trichloroethene	2.4		2.0	0.92
75-69-4	Trichlorofluoromethane	ND		2.0	1.8
75-01-4	Vinyl chloride	6.5		2.0	1.8
1330-20-7	Xylenes, Total	ND		4.0	1.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	94		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		77-120
460-00-4	4-Bromofluorobenzene (Surr)	89		73-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186477-1
 SDG No.: _____
 Client Sample ID: MW-44A-20210622-01 Lab Sample ID: 480-186477-1
 Matrix: Water Lab File ID: D1841.D
 Analysis Method: 8260C Date Collected: 06/22/2021 15:05
 Sample wt/vol: 5(mL) Date Analyzed: 06/28/2021 19:38
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587187 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2.0	1.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.42
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.46
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62
75-34-3	1,1-Dichloroethane	ND		2.0	0.76
75-35-4	1,1-Dichloroethene	ND		2.0	0.58
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.82
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.78
95-50-1	1,2-Dichlorobenzene	ND		2.0	1.6
107-06-2	1,2-Dichloroethane	ND		2.0	0.42
78-87-5	1,2-Dichloropropane	ND		2.0	1.4
541-73-1	1,3-Dichlorobenzene	ND		2.0	1.6
106-46-7	1,4-Dichlorobenzene	ND		2.0	1.7
78-93-3	2-Butanone (MEK)	ND		20	2.6
591-78-6	2-Hexanone	ND		10	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	4.2
67-64-1	Acetone	ND		20	6.0
71-43-2	Benzene	ND		2.0	0.82
75-27-4	Dichlorobromomethane	ND		2.0	0.78
75-25-2	Bromoform	ND		2.0	0.52
74-83-9	Bromomethane	ND		2.0	1.4
75-15-0	Carbon disulfide	ND		2.0	0.38
56-23-5	Carbon tetrachloride	ND		2.0	0.54
108-90-7	Chlorobenzene	ND		2.0	1.5
124-48-1	Chlorodibromomethane	ND		2.0	0.64
75-00-3	Chloroethane	ND		2.0	0.64
67-66-3	Chloroform	ND		2.0	0.68
74-87-3	Chloromethane	ND		2.0	0.70
156-59-2	cis-1,2-Dichloroethene	81		2.0	1.6
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.72
110-82-7	Cyclohexane	2.6		2.0	0.36
75-71-8	Dichlorodifluoromethane	ND		2.0	1.4
100-41-4	Ethylbenzene	ND		2.0	1.5
106-93-4	1,2-Dibromoethane	ND		2.0	1.5
98-82-8	Isopropylbenzene	ND		2.0	1.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186477-1
 SDG No.: _____
 Client Sample ID: MW-44A-20210622-01 Lab Sample ID: 480-186477-1
 Matrix: Water Lab File ID: D1841.D
 Analysis Method: 8260C Date Collected: 06/22/2021 15:05
 Sample wt/vol: 5(mL) Date Analyzed: 06/28/2021 19:38
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587187 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.0	2.6
1634-04-4	Methyl tert-butyl ether	ND	~~4~~	2.0	0.32
108-87-2	Methylcyclohexane	1.5	J	2.0	0.32
75-09-2	Methylene Chloride	ND		2.0	0.88
100-42-5	Styrene	ND		2.0	1.5
127-18-4	Tetrachloroethene	ND		2.0	0.72
108-88-3	Toluene	ND		2.0	1.0
156-60-5	trans-1,2-Dichloroethene	2.0		2.0	1.8
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.74
79-01-6	Trichloroethene	ND		2.0	0.92
75-69-4	Trichlorofluoromethane	ND		2.0	1.8
75-01-4	~~Vinyl chloride~~	~~230~~	~~E~~	2.0	1.8
1330-20-7	Xylenes, Total	ND		4.0	1.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Buffalo</u>	Job No.: <u>480-186477-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-44A-20210622-01 DL</u>	Lab Sample ID: <u>480-186477-1 DL</u>
Matrix: <u>Water</u>	Lab File ID: <u>D1864.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/22/2021 15:05</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/29/2021 16:13</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>4</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>587342</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		4.0	3.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		4.0	0.84
79-00-5	1,1,2-Trichloroethane	ND		4.0	0.92
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2
75-34-3	1,1-Dichloroethane	ND		4.0	1.5
75-35-4	1,1-Dichloroethene	ND		4.0	1.2
120-82-1	1,2,4-Trichlorobenzene	ND		4.0	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	ND		4.0	1.6
95-50-1	1,2-Dichlorobenzene	ND		4.0	3.2
107-06-2	1,2-Dichloroethane	ND		4.0	0.84
78-87-5	1,2-Dichloropropane	ND		4.0	2.9
541-73-1	1,3-Dichlorobenzene	ND		4.0	3.1
106-46-7	1,4-Dichlorobenzene	ND		4.0	3.4
78-93-3	2-Butanone (MEK)	ND		40	5.3
591-78-6	2-Hexanone	ND		20	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		20	8.4
67-64-1	Acetone	ND		40	12
71-43-2	Benzene	ND		4.0	1.6
75-27-4	Dichlorobromomethane	ND		4.0	1.6
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		4.0	2.8
75-15-0	Carbon disulfide	ND		4.0	0.76
56-23-5	Carbon tetrachloride	ND		4.0	1.1
108-90-7	Chlorobenzene	ND		4.0	3.0
124-48-1	Chlorodibromomethane	ND		4.0	1.3
75-00-3	Chloroethane	ND		4.0	1.3
67-66-3	Chloroform	ND		4.0	1.4
74-87-3	Chloromethane	ND		4.0	1.4
156-59-2	cis-1,2-Dichloroethene	81		4.0	3.2
10061-01-5	cis-1,3-Dichloropropene	ND		4.0	1.4
110-82-7	Cyclohexane	2.1	J	4.0	0.72
75-71-8	Dichlorodifluoromethane	ND		4.0	2.7
100-41-4	Ethylbenzene	ND		4.0	3.0
106-93-4	1,2-Dibromoethane	ND		4.0	2.9
98-82-8	Isopropylbenzene	ND		4.0	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186477-1
 SDG No.: _____
 Client Sample ID: MW-44A-20210622-01 DL Lab Sample ID: 480-186477-1 DL
 Matrix: Water Lab File ID: D1864.D
 Analysis Method: 8260C Date Collected: 06/22/2021 15:05
 Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 16:13
 Soil Aliquot Vol: _____ Dilution Factor: 4
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587342 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		10	5.2
1634-04-4	Methyl tert-butyl ether	ND		4.0	0.64
108-87-2	Methylcyclohexane	1.4	J	4.0	0.64
75-09-2	Methylene Chloride	ND		4.0	1.8
100-42-5	Styrene	ND		4.0	2.9
127-18-4	Tetrachloroethene	ND		4.0	1.4
108-88-3	Toluene	ND		4.0	2.0
156-60-5	trans-1,2-Dichloroethene	ND		4.0	3.6
10061-02-6	trans-1,3-Dichloropropene	ND		4.0	1.5
79-01-6	Trichloroethene	ND		4.0	1.8
75-69-4	Trichlorofluoromethane	ND		4.0	3.5
75-01-4	Vinyl chloride	220		4.0	3.6
1330-20-7	Xylenes, Total	ND		8.0	2.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		77-120
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186477-1
 SDG No.: _____
 Client Sample ID: MW-45A-20210622-01 Lab Sample ID: 480-186477-2
 Matrix: Water Lab File ID: D1842.D
 Analysis Method: 8260C Date Collected: 06/22/2021 17:10
 Sample wt/vol: 5(mL) Date Analyzed: 06/28/2021 20:00
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587187 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	2.2		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	1.0		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	35		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	4.0		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186477-1
 SDG No.: _____
 Client Sample ID: MW-45A-20210622-01 Lab Sample ID: 480-186477-2
 Matrix: Water Lab File ID: D1842.D
 Analysis Method: 8260C Date Collected: 06/22/2021 17:10
 Sample wt/vol: 5(mL) Date Analyzed: 06/28/2021 20:00
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587187 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND	~~+~~	1.0	0.16
108-87-2	Methylcyclohexane	1.9		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	0.54	J	1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	45		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		77-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	100		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186477-1
 SDG No.: _____
 Client Sample ID: STANS-DUP-20210622-01 Lab Sample ID: 480-186477-3
 Matrix: Water Lab File ID: D1843.D
 Analysis Method: 8260C Date Collected: 06/22/2021 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 06/28/2021 20:23
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587187 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2.0	1.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.42
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.46
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62
75-34-3	1,1-Dichloroethane	ND		2.0	0.76
75-35-4	1,1-Dichloroethene	ND		2.0	0.58
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.82
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.78
95-50-1	1,2-Dichlorobenzene	ND		2.0	1.6
107-06-2	1,2-Dichloroethane	ND		2.0	0.42
78-87-5	1,2-Dichloropropane	ND		2.0	1.4
541-73-1	1,3-Dichlorobenzene	ND		2.0	1.6
106-46-7	1,4-Dichlorobenzene	ND		2.0	1.7
78-93-3	2-Butanone (MEK)	ND		20	2.6
591-78-6	2-Hexanone	ND		10	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	4.2
67-64-1	Acetone	ND		20	6.0
71-43-2	Benzene	ND		2.0	0.82
75-27-4	Dichlorobromomethane	ND		2.0	0.78
75-25-2	Bromoform	ND		2.0	0.52
74-83-9	Bromomethane	ND		2.0	1.4
75-15-0	Carbon disulfide	ND		2.0	0.38
56-23-5	Carbon tetrachloride	ND		2.0	0.54
108-90-7	Chlorobenzene	ND		2.0	1.5
124-48-1	Chlorodibromomethane	ND		2.0	0.64
75-00-3	Chloroethane	ND		2.0	0.64
67-66-3	Chloroform	ND		2.0	0.68
74-87-3	Chloromethane	ND		2.0	0.70
156-59-2	cis-1,2-Dichloroethene	81		2.0	1.6
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.72
110-82-7	Cyclohexane	2.3		2.0	0.36
75-71-8	Dichlorodifluoromethane	ND		2.0	1.4
100-41-4	Ethylbenzene	ND		2.0	1.5
106-93-4	1,2-Dibromoethane	ND		2.0	1.5
98-82-8	Isopropylbenzene	ND		2.0	1.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186477-1
 SDG No.: _____
 Client Sample ID: STANS-DUP-20210622-01 Lab Sample ID: 480-186477-3
 Matrix: Water Lab File ID: D1843.D
 Analysis Method: 8260C Date Collected: 06/22/2021 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 06/28/2021 20:23
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587187 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.0	2.6
1634-04-4	Methyl tert-butyl ether	ND	~~***~~	2.0	0.32
108-87-2	Methylcyclohexane	1.5	J	2.0	0.32
75-09-2	Methylene Chloride	ND		2.0	0.88
100-42-5	Styrene	ND		2.0	1.5
127-18-4	Tetrachloroethene	ND		2.0	0.72
108-88-3	Toluene	ND		2.0	1.0
156-60-5	trans-1,2-Dichloroethene	2.0		2.0	1.8
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.74
79-01-6	Trichloroethene	ND		2.0	0.92
75-69-4	Trichlorofluoromethane	ND		2.0	1.8
75-01-4	~~Vinyl chloride~~	~~220~~	~~E~~	2.0	1.8
1330-20-7	Xylenes, Total	ND		4.0	1.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	101		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186477-1
 SDG No.: _____
 Client Sample ID: STANS-DUP-20210622-01 DL Lab Sample ID: 480-186477-3 DL
 Matrix: Water Lab File ID: D1865.D
 Analysis Method: 8260C Date Collected: 06/22/2021 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 16:36
 Soil Aliquot Vol: _____ Dilution Factor: 4
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587342 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		4.0	3.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		4.0	0.84
79-00-5	1,1,2-Trichloroethane	ND		4.0	0.92
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2
75-34-3	1,1-Dichloroethane	ND		4.0	1.5
75-35-4	1,1-Dichloroethene	ND		4.0	1.2
120-82-1	1,2,4-Trichlorobenzene	ND		4.0	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	ND		4.0	1.6
95-50-1	1,2-Dichlorobenzene	ND		4.0	3.2
107-06-2	1,2-Dichloroethane	ND		4.0	0.84
78-87-5	1,2-Dichloropropane	ND		4.0	2.9
541-73-1	1,3-Dichlorobenzene	ND		4.0	3.1
106-46-7	1,4-Dichlorobenzene	ND		4.0	3.4
78-93-3	2-Butanone (MEK)	ND		40	5.3
591-78-6	2-Hexanone	ND		20	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		20	8.4
67-64-1	Acetone	ND		40	12
71-43-2	Benzene	ND		4.0	1.6
75-27-4	Dichlorobromomethane	ND		4.0	1.6
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		4.0	2.8
75-15-0	Carbon disulfide	ND		4.0	0.76
56-23-5	Carbon tetrachloride	ND		4.0	1.1
108-90-7	Chlorobenzene	ND		4.0	3.0
124-48-1	Chlorodibromomethane	ND		4.0	1.3
75-00-3	Chloroethane	ND		4.0	1.3
67-66-3	Chloroform	ND		4.0	1.4
74-87-3	Chloromethane	ND		4.0	1.4
156-59-2	cis-1,2-Dichloroethene	80		4.0	3.2
10061-01-5	cis-1,3-Dichloropropene	ND		4.0	1.4
110-82-7	Cyclohexane	2.0	J	4.0	0.72
75-71-8	Dichlorodifluoromethane	ND		4.0	2.7
100-41-4	Ethylbenzene	ND		4.0	3.0
106-93-4	1,2-Dibromoethane	ND		4.0	2.9
98-82-8	Isopropylbenzene	ND		4.0	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186477-1
 SDG No.: _____
 Client Sample ID: STANS-DUP-20210622-01 DL Lab Sample ID: 480-186477-3 DL
 Matrix: Water Lab File ID: D1865.D
 Analysis Method: 8260C Date Collected: 06/22/2021 12:00
 Sample wt/vol: 5 (mL) Date Analyzed: 06/29/2021 16:36
 Soil Aliquot Vol: _____ Dilution Factor: 4
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587342 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		10	5.2
1634-04-4	Methyl tert-butyl ether	ND		4.0	0.64
108-87-2	Methylcyclohexane	1.2 J		4.0	0.64
75-09-2	Methylene Chloride	ND ~~2.9 J B~~		4.0	1.8
100-42-5	Styrene	ND		4.0	2.9
127-18-4	Tetrachloroethene	ND		4.0	1.4
108-88-3	Toluene	ND		4.0	2.0
156-60-5	trans-1,2-Dichloroethene	ND		4.0	3.6
10061-02-6	trans-1,3-Dichloropropene	ND		4.0	1.5
79-01-6	Trichloroethene	ND		4.0	1.8
75-69-4	Trichlorofluoromethane	ND		4.0	3.5
75-01-4	Vinyl chloride	210		4.0	3.6
1330-20-7	Xylenes, Total	ND		8.0	2.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-120
460-00-4	4-Bromofluorobenzene (Surr)	93		73-120
1868-53-7	Dibromofluoromethane (Surr)	100		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186477-1
 SDG No.: _____
 Client Sample ID: MW-44-20210622-01 Lab Sample ID: 480-186477-4
 Matrix: Water Lab File ID: D1844.D
 Analysis Method: 8260C Date Collected: 06/23/2021 09:50
 Sample wt/vol: 5(mL) Date Analyzed: 06/28/2021 20:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587187 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186477-1

SDG No.: _____

Client Sample ID: MW-44-20210622-01 Lab Sample ID: 480-186477-4

Matrix: Water Lab File ID: D1844.D

Analysis Method: 8260C Date Collected: 06/23/2021 09:50

Sample wt/vol: 5(mL) Date Analyzed: 06/28/2021 20:45

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587187 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND	~~+~~	1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186479-1

SDG No.: _____

Client Sample ID: MW-36-20210622-01 Lab Sample ID: 480-186479-1

Matrix: Water Lab File ID: D1870.D

Analysis Method: 8260C Date Collected: 06/22/2021 13:50

Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 18:29

Soil Aliquot Vol: _____ Dilution Factor: 5

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587342 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	4.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	ND		5.0	1.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6
75-34-3	1,1-Dichloroethane	ND		5.0	1.9
75-35-4	1,1-Dichloroethene	ND		5.0	1.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	2.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.0
95-50-1	1,2-Dichlorobenzene	ND		5.0	4.0
107-06-2	1,2-Dichloroethane	ND		5.0	1.1
78-87-5	1,2-Dichloropropane	ND		5.0	3.6
541-73-1	1,3-Dichlorobenzene	ND		5.0	3.9
106-46-7	1,4-Dichlorobenzene	ND		5.0	4.2
78-93-3	2-Butanone (MEK)	ND		50	6.6
591-78-6	2-Hexanone	ND		25	6.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	11
67-64-1	Acetone	ND		50	15
71-43-2	Benzene	ND		5.0	2.1
75-27-4	Dichlorobromomethane	ND		5.0	2.0
75-25-2	Bromoform	ND		5.0	1.3
74-83-9	Bromomethane	ND		5.0	3.5
75-15-0	Carbon disulfide	ND		5.0	0.95
56-23-5	Carbon tetrachloride	ND		5.0	1.4
108-90-7	Chlorobenzene	ND		5.0	3.8
124-48-1	Chlorodibromomethane	ND		5.0	1.6
75-00-3	Chloroethane	ND		5.0	1.6
67-66-3	Chloroform	ND		5.0	1.7
74-87-3	Chloromethane	ND		5.0	1.8
156-59-2	cis-1,2-Dichloroethene	ND		5.0	4.1
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	1.8
110-82-7	Cyclohexane	ND		5.0	0.90
75-71-8	Dichlorodifluoromethane	ND		5.0	3.4
100-41-4	Ethylbenzene	ND		5.0	3.7
106-93-4	1,2-Dibromoethane	ND		5.0	3.7
98-82-8	Isopropylbenzene	ND		5.0	4.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186479-1
 SDG No.: _____
 Client Sample ID: MW-36-20210622-01 Lab Sample ID: 480-186479-1
 Matrix: Water Lab File ID: D1870.D
 Analysis Method: 8260C Date Collected: 06/22/2021 13:50
 Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 18:29
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587342 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		13	6.5
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.80
108-87-2	Methylcyclohexane	ND		5.0	0.80
75-09-2	Methylene Chloride	ND	~~2.9 J-B~~	5.0	2.2
100-42-5	Styrene	ND		5.0	3.7
127-18-4	Tetrachloroethene	ND		5.0	1.8
108-88-3	Toluene	ND		5.0	2.6
156-60-5	trans-1,2-Dichloroethene	ND		5.0	4.5
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	1.9
79-01-6	Trichloroethene	100		5.0	2.3
75-69-4	Trichlorofluoromethane	ND		5.0	4.4
75-01-4	Vinyl chloride	ND		5.0	4.5
1330-20-7	Xylenes, Total	ND		10	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186479-1
 SDG No.: _____
 Client Sample ID: MW-34A-20210622-01 Lab Sample ID: 480-186479-2
 Matrix: Water Lab File ID: D1871.D
 Analysis Method: 8260C Date Collected: 06/22/2021 16:05
 Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 18:52
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587342 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	4.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	ND		5.0	1.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6
75-34-3	1,1-Dichloroethane	ND		5.0	1.9
75-35-4	1,1-Dichloroethene	ND		5.0	1.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	2.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.0
95-50-1	1,2-Dichlorobenzene	ND		5.0	4.0
107-06-2	1,2-Dichloroethane	ND		5.0	1.1
78-87-5	1,2-Dichloropropane	ND		5.0	3.6
541-73-1	1,3-Dichlorobenzene	ND		5.0	3.9
106-46-7	1,4-Dichlorobenzene	ND		5.0	4.2
78-93-3	2-Butanone (MEK)	ND		50	6.6
591-78-6	2-Hexanone	ND		25	6.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	11
67-64-1	Acetone	ND		50	15
71-43-2	Benzene	13		5.0	2.1
75-27-4	Dichlorobromomethane	ND		5.0	2.0
75-25-2	Bromoform	ND		5.0	1.3
74-83-9	Bromomethane	ND		5.0	3.5
75-15-0	Carbon disulfide	ND		5.0	0.95
56-23-5	Carbon tetrachloride	ND		5.0	1.4
108-90-7	Chlorobenzene	ND		5.0	3.8
124-48-1	Chlorodibromomethane	ND		5.0	1.6
75-00-3	Chloroethane	ND		5.0	1.6
67-66-3	Chloroform	ND		5.0	1.7
74-87-3	Chloromethane	ND		5.0	1.8
156-59-2	cis-1,2-Dichloroethene	11		5.0	4.1
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	1.8
110-82-7	Cyclohexane	6.1		5.0	0.90
75-71-8	Dichlorodifluoromethane	ND		5.0	3.4
100-41-4	Ethylbenzene	ND		5.0	3.7
106-93-4	1,2-Dibromoethane	ND		5.0	3.7
98-82-8	Isopropylbenzene	ND		5.0	4.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186479-1
 SDG No.: _____
 Client Sample ID: MW-34A-20210622-01 Lab Sample ID: 480-186479-2
 Matrix: Water Lab File ID: D1871.D
 Analysis Method: 8260C Date Collected: 06/22/2021 16:05
 Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 18:52
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587342 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		13	6.5
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.80
108-87-2	Methylcyclohexane	1.1	J	5.0	0.80
75-09-2	Methylene Chloride	ND ~~3.0~~ ~~J-B~~		5.0	2.2
100-42-5	Styrene	ND		5.0	3.7
127-18-4	Tetrachloroethene	ND		5.0	1.8
108-88-3	Toluene	ND		5.0	2.6
156-60-5	trans-1,2-Dichloroethene	ND		5.0	4.5
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	1.9
79-01-6	Trichloroethene	ND		5.0	2.3
75-69-4	Trichlorofluoromethane	ND		5.0	4.4
75-01-4	Vinyl chloride	220		5.0	4.5
1330-20-7	Xylenes, Total	ND		10	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		77-120
460-00-4	4-Bromofluorobenzene (Surr)	93		73-120
1868-53-7	Dibromofluoromethane (Surr)	100		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186479-1

SDG No.: _____

Client Sample ID: MW-6A-20210622-01 Lab Sample ID: 480-186479-3

Matrix: Water Lab File ID: D1872.D

Analysis Method: 8260C Date Collected: 06/22/2021 16:10

Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 19:14

Soil Aliquot Vol: _____ Dilution Factor: 10

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587342 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		10	8.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		10	2.1
79-00-5	1,1,2-Trichloroethane	ND		10	2.3
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1
75-34-3	1,1-Dichloroethane	7.7	J	10	3.8
75-35-4	1,1-Dichloroethene	ND		10	2.9
120-82-1	1,2,4-Trichlorobenzene	ND		10	4.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		10	3.9
95-50-1	1,2-Dichlorobenzene	ND		10	7.9
107-06-2	1,2-Dichloroethane	ND		10	2.1
78-87-5	1,2-Dichloropropane	ND		10	7.2
541-73-1	1,3-Dichlorobenzene	ND		10	7.8
106-46-7	1,4-Dichlorobenzene	ND		10	8.4
78-93-3	2-Butanone (MEK)	ND		100	13
591-78-6	2-Hexanone	ND		50	12
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		50	21
67-64-1	Acetone	ND		100	30
71-43-2	Benzene	ND		10	4.1
75-27-4	Dichlorobromomethane	ND		10	3.9
75-25-2	Bromoform	ND		10	2.6
74-83-9	Bromomethane	ND		10	6.9
75-15-0	Carbon disulfide	ND		10	1.9
56-23-5	Carbon tetrachloride	ND		10	2.7
108-90-7	Chlorobenzene	ND		10	7.5
124-48-1	Chlorodibromomethane	ND		10	3.2
75-00-3	Chloroethane	ND		10	3.2
67-66-3	Chloroform	ND		10	3.4
74-87-3	Chloromethane	ND		10	3.5
156-59-2	cis-1,2-Dichloroethene	790	~~E1~~ J	10	8.1
10061-01-5	cis-1,3-Dichloropropene	ND		10	3.6
110-82-7	Cyclohexane	ND		10	1.8
75-71-8	Dichlorodifluoromethane	ND		10	6.8
100-41-4	Ethylbenzene	ND		10	7.4
106-93-4	1,2-Dibromoethane	ND		10	7.3
98-82-8	Isopropylbenzene	ND		10	7.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186479-1
 SDG No.: _____
 Client Sample ID: MW-6A-20210622-01 Lab Sample ID: 480-186479-3
 Matrix: Water Lab File ID: D1872.D
 Analysis Method: 8260C Date Collected: 06/22/2021 16:10
 Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 19:14
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587342 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		25	13
1634-04-4	Methyl tert-butyl ether	ND		10	1.6
108-87-2	Methylcyclohexane	ND		10	1.6
75-09-2	Methylene Chloride	ND		10	4.4
100-42-5	Styrene	ND		10	7.3
127-18-4	Tetrachloroethene	ND		10	3.6
108-88-3	Toluene	ND		10	5.1
156-60-5	trans-1,2-Dichloroethene	ND		10	9.0
10061-02-6	trans-1,3-Dichloropropene	ND		10	3.7
79-01-6	Trichloroethene	150		10	4.6
75-69-4	Trichlorofluoromethane	ND		10	8.8
75-01-4	Vinyl chloride	68		10	9.0
1330-20-7	Xylenes, Total	ND		20	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		77-120
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
1868-53-7	Dibromofluoromethane (Surr)	100		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186479-1

SDG No.: _____

Client Sample ID: MW-34-20210622-01 Lab Sample ID: 480-186479-4

Matrix: Water Lab File ID: D1873.D

Analysis Method: 8260C Date Collected: 06/22/2021 16:35

Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 19:37

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587342 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186479-1
 SDG No.: _____
 Client Sample ID: MW-34-20210622-01 Lab Sample ID: 480-186479-4
 Matrix: Water Lab File ID: D1873.D
 Analysis Method: 8260C Date Collected: 06/22/2021 16:35
 Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 19:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587342 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	101		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-120
460-00-4	4-Bromofluorobenzene (Surr)	94		73-120
1868-53-7	Dibromofluoromethane (Surr)	100		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186479-1

SDG No.: _____

Client Sample ID: TB-02-20210622-01 Lab Sample ID: 480-186479-5

Matrix: Water Lab File ID: D1874.D

Analysis Method: 8260C Date Collected: 06/22/2021 13:00

Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 19:59

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587342 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186479-1
 SDG No.: _____
 Client Sample ID: TB-02-20210622-01 Lab Sample ID: 480-186479-5
 Matrix: Water Lab File ID: D1874.D
 Analysis Method: 8260C Date Collected: 06/22/2021 13:00
 Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 19:59
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587342 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		77-120
460-00-4	4-Bromofluorobenzene (Surr)	93		73-120
1868-53-7	Dibromofluoromethane (Surr)	100		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186528-1
 SDG No.: _____
 Client Sample ID: MW-14-20210623-01 Lab Sample ID: 480-186528-1
 Matrix: Water Lab File ID: S1008.D
 Analysis Method: 8260C Date Collected: 06/23/2021 14:00
 Sample wt/vol: 5(mL) Date Analyzed: 07/01/2021 14:28
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND	J	5.0	4.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	ND		5.0	1.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6
75-34-3	1,1-Dichloroethane	ND		5.0	1.9
75-35-4	1,1-Dichloroethene	ND		5.0	1.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	2.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.0
95-50-1	1,2-Dichlorobenzene	ND		5.0	4.0
107-06-2	1,2-Dichloroethane	ND		5.0	1.1
78-87-5	1,2-Dichloropropane	ND		5.0	3.6
541-73-1	1,3-Dichlorobenzene	ND		5.0	3.9
106-46-7	1,4-Dichlorobenzene	ND		5.0	4.2
78-93-3	2-Butanone (MEK)	ND		50	6.6
591-78-6	2-Hexanone	ND		25	6.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	11
67-64-1	Acetone	ND		50	15
71-43-2	Benzene	ND		5.0	2.1
75-27-4	Dichlorobromomethane	ND		5.0	2.0
75-25-2	Bromoform	ND		5.0	1.3
74-83-9	Bromomethane	ND		5.0	3.5
75-15-0	Carbon disulfide	ND		5.0	0.95
56-23-5	Carbon tetrachloride	ND		5.0	1.4
108-90-7	Chlorobenzene	ND		5.0	3.8
124-48-1	Chlorodibromomethane	ND		5.0	1.6
75-00-3	Chloroethane	ND		5.0	1.6
67-66-3	Chloroform	ND		5.0	1.7
74-87-3	Chloromethane	ND		5.0	1.8
156-59-2	cis-1,2-Dichloroethene	83		5.0	4.1
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	1.8
110-82-7	Cyclohexane	ND		5.0	0.90
75-71-8	Dichlorodifluoromethane	ND		5.0	3.4
100-41-4	Ethylbenzene	ND		5.0	3.7
106-93-4	1,2-Dibromoethane	ND		5.0	3.7
98-82-8	Isopropylbenzene	ND		5.0	4.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186528-1
 SDG No.: _____
 Client Sample ID: MW-14-20210623-01 Lab Sample ID: 480-186528-1
 Matrix: Water Lab File ID: S1008.D
 Analysis Method: 8260C Date Collected: 06/23/2021 14:00
 Sample wt/vol: 5(mL) Date Analyzed: 07/01/2021 14:28
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND	J	13	6.5
1634-04-4	Methyl tert-butyl ether	ND	↓	5.0	0.80
108-87-2	Methylcyclohexane	ND		5.0	0.80
75-09-2	Methylene Chloride	ND		5.0	2.2
100-42-5	Styrene	ND		5.0	3.7
127-18-4	Tetrachloroethene	ND		5.0	1.8
108-88-3	Toluene	ND		5.0	2.6
156-60-5	trans-1,2-Dichloroethene	ND		5.0	4.5
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	1.9
79-01-6	Trichloroethene	ND		5.0	2.3
75-69-4	Trichlorofluoromethane	ND		5.0	4.4
75-01-4	Vinyl chloride	230		5.0	4.5
1330-20-7	Xylenes, Total	ND		10	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		77-120
460-00-4	4-Bromofluorobenzene (Surr)	107		73-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186528-1
 SDG No.: _____
 Client Sample ID: MW-16A-20210624-01 Lab Sample ID: 480-186528-2
 Matrix: Water Lab File ID: N3901.D
 Analysis Method: 8260C Date Collected: 06/24/2021 10:05
 Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 22:10
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	89		10	8.2
79-34-5	1,1,2,2-Tetrachloroethane	ND		10	2.1
79-00-5	1,1,2-Trichloroethane	ND		10	2.3
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1
75-34-3	1,1-Dichloroethane	240		10	3.8
75-35-4	1,1-Dichloroethene	13		10	2.9
120-82-1	1,2,4-Trichlorobenzene	ND		10	4.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		10	3.9
95-50-1	1,2-Dichlorobenzene	ND		10	7.9
107-06-2	1,2-Dichloroethane	ND		10	2.1
78-87-5	1,2-Dichloropropane	ND		10	7.2
541-73-1	1,3-Dichlorobenzene	ND		10	7.8
106-46-7	1,4-Dichlorobenzene	ND		10	8.4
78-93-3	2-Butanone (MEK)	ND		100	13
591-78-6	2-Hexanone	ND		50	12
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		50	21
67-64-1	Acetone	ND		100	30
71-43-2	Benzene	ND		10	4.1
75-27-4	Dichlorobromomethane	ND		10	3.9
75-25-2	Bromoform	ND		10	2.6
74-83-9	Bromomethane	ND		10	6.9
75-15-0	Carbon disulfide	ND		10	1.9
56-23-5	Carbon tetrachloride	ND		10	2.7
108-90-7	Chlorobenzene	ND		10	7.5
124-48-1	Chlorodibromomethane	ND		10	3.2
75-00-3	Chloroethane	75		10	3.2
67-66-3	Chloroform	ND		10	3.4
74-87-3	Chloromethane	ND		10	3.5
156-59-2	~~cis-1,2-Dichloroethene~~	~~2400 E~~		10	8.1
10061-01-5	cis-1,3-Dichloropropene	ND		10	3.6
110-82-7	Cyclohexane	ND		10	1.8
75-71-8	Dichlorodifluoromethane	ND		10	6.8
100-41-4	Ethylbenzene	39		10	7.4
106-93-4	1,2-Dibromoethane	ND		10	7.3
98-82-8	Isopropylbenzene	ND		10	7.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186528-1
 SDG No.: _____
 Client Sample ID: MW-16A-20210624-01 Lab Sample ID: 480-186528-2
 Matrix: Water Lab File ID: N3901.D
 Analysis Method: 8260C Date Collected: 06/24/2021 10:05
 Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 22:10
 Soil Aliquot Vol: _____ Dilution Factor: 10
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		25	13
1634-04-4	Methyl tert-butyl ether	ND		10	1.6
108-87-2	Methylcyclohexane	2.1	J	10	1.6
75-09-2	Methylene Chloride	ND		10	4.4
100-42-5	Styrene	ND		10	7.3
127-18-4	Tetrachloroethene	ND		10	3.6
108-88-3	Toluene	6.7	J	10	5.1
156-60-5	trans-1,2-Dichloroethene	ND		10	9.0
10061-02-6	trans-1,3-Dichloropropene	ND		10	3.7
79-01-6	Trichloroethene	80		10	4.6
75-69-4	Trichlorofluoromethane	ND		10	8.8
75-01-4	Vinyl chloride	430		10	9.0
1330-20-7	Xylenes, Total	80		20	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	91		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
1868-53-7	Dibromofluoromethane (Surr)	105		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo

Job No.: 480-186528-1

SDG No.: _____

Client Sample ID: MW-16A-20210624-01 DL

Lab Sample ID: 480-186528-2 DL

Matrix: Water

Lab File ID: S0980.D

Analysis Method: 8260C

Date Collected: 06/24/2021 10:05

Sample wt/vol: 5(mL)

Date Analyzed: 06/30/2021 13:23

Soil Aliquot Vol: _____

Dilution Factor: 50

Soil Extract Vol.: _____

GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____

Level: (low/med) Low

Analysis Batch No.: 587538

Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	81		50	41
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	11
79-00-5	1,1,2-Trichloroethane	ND		50	12
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	16
75-34-3	1,1-Dichloroethane	230		50	19
75-35-4	1,1-Dichloroethene	ND		50	15
120-82-1	1,2,4-Trichlorobenzene	ND		50	21
96-12-8	1,2-Dibromo-3-Chloropropane	ND		50	20
95-50-1	1,2-Dichlorobenzene	ND		50	40
107-06-2	1,2-Dichloroethane	ND		50	11
78-87-5	1,2-Dichloropropane	ND		50	36
541-73-1	1,3-Dichlorobenzene	ND		50	39
106-46-7	1,4-Dichlorobenzene	ND		50	42
78-93-3	2-Butanone (MEK)	ND		500	66
591-78-6	2-Hexanone	ND		250	62
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		250	110
67-64-1	Acetone	ND		500	150
71-43-2	Benzene	ND		50	21
75-27-4	Dichlorobromomethane	ND		50	20
75-25-2	Bromoform	ND		50	13
74-83-9	Bromomethane	ND		50	35
75-15-0	Carbon disulfide	ND		50	9.5
56-23-5	Carbon tetrachloride	ND		50	14
108-90-7	Chlorobenzene	ND		50	38
124-48-1	Chlorodibromomethane	ND		50	16
75-00-3	Chloroethane	98		50	16
67-66-3	Chloroform	ND		50	17
74-87-3	Chloromethane	ND		50	18
156-59-2	cis-1,2-Dichloroethene	2000		50	41
10061-01-5	cis-1,3-Dichloropropene	ND		50	18
110-82-7	Cyclohexane	ND		50	9.0
75-71-8	Dichlorodifluoromethane	ND		50	34
100-41-4	Ethylbenzene	37	J	50	37
106-93-4	1,2-Dibromoethane	ND		50	37
98-82-8	Isopropylbenzene	ND		50	40

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186528-1
 SDG No.: _____
 Client Sample ID: MW-16A-20210624-01 DL Lab Sample ID: 480-186528-2 DL
 Matrix: Water Lab File ID: S0980.D
 Analysis Method: 8260C Date Collected: 06/24/2021 10:05
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 13:23
 Soil Aliquot Vol: _____ Dilution Factor: 50
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587538 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		130	65
1634-04-4	Methyl tert-butyl ether	ND		50	8.0
108-87-2	Methylcyclohexane	ND		50	8.0
75-09-2	Methylene Chloride	ND		50	22
100-42-5	Styrene	ND		50	37
127-18-4	Tetrachloroethene	ND		50	18
108-88-3	Toluene	ND		50	26
156-60-5	trans-1,2-Dichloroethene	ND		50	45
10061-02-6	trans-1,3-Dichloropropene	ND		50	19
79-01-6	Trichloroethene	72		50	23
75-69-4	Trichlorofluoromethane	ND		50	44
75-01-4	Vinyl chloride	450		50	45
1330-20-7	Xylenes, Total	45	J	100	33

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	88		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
1868-53-7	Dibromofluoromethane (Surr)	96		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186528-1

SDG No.: _____

Client Sample ID: MW-35A-20210624-01 Lab Sample ID: 480-186528-3

Matrix: Water Lab File ID: N3902.D

Analysis Method: 8260C Date Collected: 06/24/2021 10:35

Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 22:33

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186528-1
 SDG No.: _____
 Client Sample ID: MW-35A-20210624-01 Lab Sample ID: 480-186528-3
 Matrix: Water Lab File ID: N3902.D
 Analysis Method: 8260C Date Collected: 06/24/2021 10:35
 Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 22:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-120
460-00-4	4-Bromofluorobenzene (Surr)	106		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Buffalo</u>	Job No.: <u>480-186528-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-24A-20210624-01</u>	Lab Sample ID: <u>480-186528-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>N3903.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/24/2021 12:20</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>06/29/2021 22:56</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>ZB-624 (20)</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>587465</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	3.3		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	4.6		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	74		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	1.0		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186528-1
 SDG No.: _____
 Client Sample ID: MW-24A-20210624-01 Lab Sample ID: 480-186528-4
 Matrix: Water Lab File ID: N3903.D
 Analysis Method: 8260C Date Collected: 06/24/2021 12:20
 Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 22:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	1.9		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	94		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	99		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186528-1
 SDG No.: _____
 Client Sample ID: MW-33A-20210624-01 Lab Sample ID: 480-186528-5
 Matrix: Water Lab File ID: N3904.D
 Analysis Method: 8260C Date Collected: 06/24/2021 12:20
 Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 23:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	1.1		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	3.3		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186528-1
 SDG No.: _____
 Client Sample ID: MW-33A-20210624-01 Lab Sample ID: 480-186528-5
 Matrix: Water Lab File ID: N3904.D
 Analysis Method: 8260C Date Collected: 06/24/2021 12:20
 Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 23:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	1.9		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	102		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186528-1

SDG No.: _____

Client Sample ID: TB-03-20210623-01 Lab Sample ID: 480-186528-6

Matrix: Water Lab File ID: S0905.D

Analysis Method: 8260C Date Collected: 06/23/2021 12:00

Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 06:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587278 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186528-1
 SDG No.: _____
 Client Sample ID: TB-03-20210623-01 Lab Sample ID: 480-186528-6
 Matrix: Water Lab File ID: S0905.D
 Analysis Method: 8260C Date Collected: 06/23/2021 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 06/29/2021 06:09
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587278 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	97		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186530-1
 SDG No.: _____
 Client Sample ID: TW-10-20210623-01 Lab Sample ID: 480-186530-1
 Matrix: Water Lab File ID: S0906.D
 Analysis Method: 8260C Date Collected: 06/23/2021 14:50
 Sample wt/vol: 5 (mL) Date Analyzed: 06/29/2021 06:32
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587278 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2.0	1.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.42
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.46
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62
75-34-3	1,1-Dichloroethane	ND		2.0	0.76
75-35-4	1,1-Dichloroethene	ND		2.0	0.58
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.82
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.78
95-50-1	1,2-Dichlorobenzene	ND		2.0	1.6
107-06-2	1,2-Dichloroethane	ND		2.0	0.42
78-87-5	1,2-Dichloropropane	ND		2.0	1.4
541-73-1	1,3-Dichlorobenzene	ND		2.0	1.6
106-46-7	1,4-Dichlorobenzene	ND		2.0	1.7
78-93-3	2-Butanone (MEK)	ND		20	2.6
591-78-6	2-Hexanone	ND		10	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	4.2
67-64-1	Acetone	ND		20	6.0
71-43-2	Benzene	ND		2.0	0.82
75-27-4	Dichlorobromomethane	ND		2.0	0.78
75-25-2	Bromoform	ND		2.0	0.52
74-83-9	Bromomethane	ND		2.0	1.4
75-15-0	Carbon disulfide	ND		2.0	0.38
56-23-5	Carbon tetrachloride	ND		2.0	0.54
108-90-7	Chlorobenzene	ND		2.0	1.5
124-48-1	Chlorodibromomethane	ND		2.0	0.64
75-00-3	Chloroethane	ND		2.0	0.64
67-66-3	Chloroform	ND		2.0	0.68
74-87-3	Chloromethane	ND		2.0	0.70
156-59-2	cis-1,2-Dichloroethene	18		2.0	1.6
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.72
110-82-7	Cyclohexane	ND		2.0	0.36
75-71-8	Dichlorodifluoromethane	ND		2.0	1.4
100-41-4	Ethylbenzene	ND		2.0	1.5
106-93-4	1,2-Dibromoethane	ND		2.0	1.5
98-82-8	Isopropylbenzene	ND		2.0	1.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186530-1
 SDG No.: _____
 Client Sample ID: TW-10-20210623-01 Lab Sample ID: 480-186530-1
 Matrix: Water Lab File ID: S0906.D
 Analysis Method: 8260C Date Collected: 06/23/2021 14:50
 Sample wt/vol: 5 (mL) Date Analyzed: 06/29/2021 06:32
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587278 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.0	2.6
1634-04-4	Methyl tert-butyl ether	ND		2.0	0.32
108-87-2	Methylcyclohexane	ND		2.0	0.32
75-09-2	Methylene Chloride	ND		2.0	0.88
100-42-5	Styrene	ND		2.0	1.5
127-18-4	Tetrachloroethene	ND		2.0	0.72
108-88-3	Toluene	ND		2.0	1.0
156-60-5	trans-1,2-Dichloroethene	ND		2.0	1.8
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.74
79-01-6	Trichloroethene	8.8		2.0	0.92
75-69-4	Trichlorofluoromethane	ND		2.0	1.8
75-01-4	Vinyl chloride	6.9		2.0	1.8
1330-20-7	Xylenes, Total	ND		4.0	1.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	88		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186530-1
 SDG No.: _____
 Client Sample ID: TW-11-20210623-01 Lab Sample ID: 480-186530-2
 Matrix: Water Lab File ID: S0907.D
 Analysis Method: 8260C Date Collected: 06/23/2021 15:20
 Sample wt/vol: 5 (mL) Date Analyzed: 06/29/2021 06:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587278 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186530-1
 SDG No.: _____
 Client Sample ID: TW-11-20210623-01 Lab Sample ID: 480-186530-2
 Matrix: Water Lab File ID: S0907.D
 Analysis Method: 8260C Date Collected: 06/23/2021 15:20
 Sample wt/vol: 5 (mL) Date Analyzed: 06/29/2021 06:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587278 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	91		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186530-1
 SDG No.: _____
 Client Sample ID: TW-02-20210623-01 Lab Sample ID: 480-186530-3
 Matrix: Water Lab File ID: S0948.D
 Analysis Method: 8260C Date Collected: 06/23/2021 15:40
 Sample wt/vol: 5 (mL) Date Analyzed: 06/29/2021 23:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587457 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	5.9		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186530-1
 SDG No.: _____
 Client Sample ID: TW-02-20210623-01 Lab Sample ID: 480-186530-3
 Matrix: Water Lab File ID: S0948.D
 Analysis Method: 8260C Date Collected: 06/23/2021 15:40
 Sample wt/vol: 5 (mL) Date Analyzed: 06/29/2021 23:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587457 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	91		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		77-120
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	98		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186530-1

SDG No.: _____

Client Sample ID: TW-01-20210624-01 Lab Sample ID: 480-186530-4

Matrix: Water Lab File ID: N3905.D

Analysis Method: 8260C Date Collected: 06/24/2021 09:35

Sample wt/vol: 5 (mL) Date Analyzed: 06/29/2021 23:42

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	4.7		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186530-1
 SDG No.: _____
 Client Sample ID: TW-01-20210624-01 Lab Sample ID: 480-186530-4
 Matrix: Water Lab File ID: N3905.D
 Analysis Method: 8260C Date Collected: 06/24/2021 09:35
 Sample wt/vol: 5 (mL) Date Analyzed: 06/29/2021 23:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	91		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		77-120
460-00-4	4-Bromofluorobenzene (Surr)	104		73-120
1868-53-7	Dibromofluoromethane (Surr)	102		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186533-1

SDG No.: _____

Client Sample ID: MW-37A-20210624-1 Lab Sample ID: 480-186533-1

Matrix: Water Lab File ID: N3911.D

Analysis Method: 8260C Date Collected: 06/24/2021 15:10

Sample wt/vol: 5(mL) Date Analyzed: 06/30/2021 02:02

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186533-1
 SDG No.: _____
 Client Sample ID: MW-37A-20210624-1 Lab Sample ID: 480-186533-1
 Matrix: Water Lab File ID: N3911.D
 Analysis Method: 8260C Date Collected: 06/24/2021 15:10
 Sample wt/vol: 5(mL) Date Analyzed: 06/30/2021 02:02
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		77-120
460-00-4	4-Bromofluorobenzene (Surr)	103		73-120
1868-53-7	Dibromofluoromethane (Surr)	100		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186533-1
 SDG No.: _____
 Client Sample ID: MW-38A-20210624-1 Lab Sample ID: 480-186533-2
 Matrix: Water Lab File ID: N3912.D
 Analysis Method: 8260C Date Collected: 06/24/2021 15:50
 Sample wt/vol: 5(mL) Date Analyzed: 06/30/2021 02:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186533-1
 SDG No.: _____
 Client Sample ID: MW-38A-20210624-1 Lab Sample ID: 480-186533-2
 Matrix: Water Lab File ID: N3912.D
 Analysis Method: 8260C Date Collected: 06/24/2021 15:50
 Sample wt/vol: 5(mL) Date Analyzed: 06/30/2021 02:25
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		77-120
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	106		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186533-1

SDG No.: _____

Client Sample ID: MW-23-20210624-1 Lab Sample ID: 480-186533-3

Matrix: Water Lab File ID: N3913.D

Analysis Method: 8260C Date Collected: 06/24/2021 17:45

Sample wt/vol: 5(mL) Date Analyzed: 06/30/2021 02:48

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	2.3	J	10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND ~~12~~		12 ~~10~~	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186533-1
 SDG No.: _____
 Client Sample ID: MW-23-20210624-1 Lab Sample ID: 480-186533-3
 Matrix: Water Lab File ID: N3913.D
 Analysis Method: 8260C Date Collected: 06/24/2021 17:45
 Sample wt/vol: 5(mL) Date Analyzed: 06/30/2021 02:48
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-120
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186533-1

SDG No.: _____

Client Sample ID: TB-04-20210624-1 Lab Sample ID: 480-186533-4

Matrix: Water Lab File ID: N3914.D

Analysis Method: 8260C Date Collected: 06/24/2021 15:00

Sample wt/vol: 5(mL) Date Analyzed: 06/30/2021 03:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	3.3	J	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186533-1
 SDG No.: _____
 Client Sample ID: TB-04-20210624-1 Lab Sample ID: 480-186533-4
 Matrix: Water Lab File ID: N3914.D
 Analysis Method: 8260C Date Collected: 06/24/2021 15:00
 Sample wt/vol: 5(mL) Date Analyzed: 06/30/2021 03:12
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	91		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-120
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186543-1

SDG No.: _____

Client Sample ID: TW-12-20210624-01 Lab Sample ID: 480-186543-1

Matrix: Water Lab File ID: N3915.D

Analysis Method: 8260C Date Collected: 06/24/2021 15:55

Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 03:35

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-186543-1
 SDG No.: _____
 Client Sample ID: TW-12-20210624-01 Lab Sample ID: 480-186543-1
 Matrix: Water Lab File ID: N3915.D
 Analysis Method: 8260C Date Collected: 06/24/2021 15:55
 Sample wt/vol: 5 (mL) Date Analyzed: 06/30/2021 03:35
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 587465 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	91		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		77-120
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120
1868-53-7	Dibromofluoromethane (Surr)	105		75-123

DATA USABILITY SUMMARY REPORT (DUSR)Site: Former Leica, Inc. Site, Cheektowaga, NYSDGs: 480-191545-1 to 480-191546-1Laboratory: Eurofins Test America, Buffalo, NY Date: December 7, 2021

EDS Sample ID	Client Sample ID	Laboratory Sample ID	Matrix
1	MW-44-20211025-01	480-191545-1	Aqueous
2	STAN-DUP-20211026-01	480-191545-2	Aqueous
3	MW-44A-20211026-01	480-191545-3	Aqueous
4	MW-43A-20211026-01	480-191545-4	Aqueous
5	MW-42A-20211026-01	480-191545-5	Aqueous
6	MW-41A-20211026-01	480-191545-6	Aqueous
7	MW-40A-20211026-01	480-191545-7	Aqueous
8	MW-45A-20211026-01	480-191545-8	Aqueous
9	MW-41-20211026-01	480-191545-9	Aqueous
10	STAN-TB-20211025-01	480-191545-10	QC
11	TB-20211025-01	480-191546-1	QC
12	DUP-01-20211025-01	480-191546-2	Aqueous
13	MW-29A-20211025-01	480-191546-3	Aqueous
14	MW-25A-20211025-01	480-191546-4	Aqueous
15	MW-29-20211025-01	480-191546-5	Aqueous
16	MW-25-20211025-01	480-191546-6	Aqueous
17	MW-28A-20211025-01	480-191546-7	Aqueous
18	MW-34A-20211026-01	480-191546-8	Aqueous
19	MW-11A-20211026-01	480-191546-9	Aqueous
20	MW-34-20211026-01	480-191546-10	Aqueous
21	MW-28-20211026-01	480-191546-11	Aqueous
22	MW-27A-20211026-01	480-191546-12	Aqueous
23	MW-26A-20211026-01	480-191546-13	Aqueous
24	MW-27-20211026-01	480-191546-14	Aqueous
25	MW-26-20211026-01	480-191546-15	Aqueous
26	MW-36-20211026-01	480-191546-16	Aqueous
27	MW-33-20211026-01	480-191546-17	Aqueous
28	MW-39-20211026-01	480-191546-18	Aqueous
29	MW-33A-20211026-01	480-191546-19	Aqueous
30	MW-37-20211027-01	480-191546-20	Aqueous
31	MW-38A-20211027-01	480-191546-21	Aqueous
32	MW-37A-20211027-01	480-191546-22	Aqueous

EDS Sample ID	Client Sample ID	Laboratory Sample ID	Matrix
33	MW-38-20211027-01	480-191546-23	Aqueous
34	MW-14-20211027-01	480-191546-24	Aqueous
35	MW-23-20211027-01	480-191546-25	Aqueous
36	MW-35A-20211027-01	480-191546-26	Aqueous

Note (s): The laboratory reports positively identified results between the reporting limit (RL) and the method detection limit (MDL) with a J. These results are considered estimated, however still valid and useable for project objectives.

The laboratory reports non-detects as ND on the Form 1s. Any qualification that requires non-detects to be qualified as estimated, UJ, will be presented on the Form 1s as ND J.

VOLATILE ORGANIC COMPOUNDS USEPA SW-846 8260C

The analytical method, the NYSDEC ASP, the USEPA CLP National Functional Guidelines for Organic Superfund Methods Data Review (November 2020) and the reviewer's professional judgment were used in evaluating the data in this summary report.

Holding Times (HT) - All HT criteria were met. EDS ID 32 and 33 had a pH > 2 and therefore not preserved properly. The samples were analyzed within HT for unpreserved samples. No qualification required.

Surrogates - All surrogate percent recoveries (%R) met QC criteria.

Lab Check Sample (LCS) - All %R met QC criteria.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) - An MS/MSD was not collected with this data set however the lab analyzed an MS/MSD on EDS ID 18 to meet method requirements. All %R and RPD met criteria except those listed below.

EDS ID	Analytes	MS %R / MSD %R / RPD	Qualifier
18	Vinyl chloride	25/16/OK *	J

* - poor %R most likely due to concentration in unspiked sample.

Method Blank (MB) - No target analytes were observed in the MBs.

Trip Blank (TB) – No target analytes were observed in the TBs.

GC/MS Tuning - All of the instrument tunes met QC criteria.

Initial Calibration (ICAL) - The ICAL exhibited %RSD and mean relative response factor (RRF) values within QC criteria.

Continuing Calibration (CCV) – The CCVs exhibited percent deviation (%D) and RRF values within QC criteria, except those listed in the table below. The laboratory has noted analytes not meeting CCV criteria in the narratives, however the %D met validation criteria and no qualification is required. Analytes meeting validation criteria are not listed in the table below.

CCV	Analytes (%D)	Associated EDS IDs	Qualifier
CCVIS 480-602901/4	Trichlorofluoromethane(36.7)	2-4, 7, 9-10	UJ
CCVIS 480-603224/3	1,2-Dichloroethane (26.4) Dichlorobromomethane (21.1)	5, 6, 8	UJ

Internal Standard (IS) Area Performance - All internal standards met area response and retention time (RT) criteria.

Blind Field Duplicate – The following are blind field duplicate pairs. EDS ID 2 is a blind field duplicate of EDS ID 3; and EDS ID 12 is a blind field duplicate of EDS ID 13. All results matched well.

Sample Analysis – EDS IDs 2 (4x), 3 (4x), 18 (4x), 19 (5x), 26 (4x), 28 (2x) and 34 (5x) were analyzed at dilutions in an effort to obtain target analyte concentrations within the calibration range. The dilutions were justified. The end user should be aware of elevated RLs. No qualification required.

No other issues were observed.

Data Qualifier	Definition
None	The analyte was positively identified at the associated numerical value which is the concentration of the analyte in the sample.
U (ND)	Non-Detect. The analyte was analyzed for, but not detected. The associated numerical value is the RL. The value is usable as a non-detect at the RL.
J	Estimated value. The analyte was detected at a concentration below the RL but greater than the MDL or, the value was designated as estimated as a result of the data validation criteria. The value is usable as an estimated result.
UJ (ND J)	The analyte was analyzed for, but not detected. The associated numerical value is the RL. The value is an estimated quantity due to a QC exceedance. The value is usable as a non-detect at the estimated RL.

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1
 SDG No.: _____
 Client Sample ID: MW-44-20211025-01 Lab Sample ID: 480-191545-1
 Matrix: Water Lab File ID: C9736.D
 Analysis Method: 8260C Date Collected: 10/25/2021 16:00
 Sample wt/vol: 5(mL) Date Analyzed: 11/01/2021 19:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602836 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1
 SDG No.: _____
 Client Sample ID: MW-44-20211025-01 Lab Sample ID: 480-191545-1
 Matrix: Water Lab File ID: C9736.D
 Analysis Method: 8260C Date Collected: 10/25/2021 16:00
 Sample wt/vol: 5(mL) Date Analyzed: 11/01/2021 19:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602836 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	112		73-120
1868-53-7	Dibromofluoromethane (Surr)	116		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1
 SDG No.: _____
 Client Sample ID: STAN-DUP-20211026-01 Lab Sample ID: 480-191545-2
 Matrix: Water Lab File ID: C9757.D
 Analysis Method: 8260C Date Collected: 10/26/2021 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 04:00
 Soil Aliquot Vol: _____ Dilution Factor: 4
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602901 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		4.0	3.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		4.0	0.84
79-00-5	1,1,2-Trichloroethane	ND		4.0	0.92
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2
75-34-3	1,1-Dichloroethane	ND		4.0	1.5
75-35-4	1,1-Dichloroethene	ND		4.0	1.2
120-82-1	1,2,4-Trichlorobenzene	ND		4.0	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	ND		4.0	1.6
95-50-1	1,2-Dichlorobenzene	ND		4.0	3.2
107-06-2	1,2-Dichloroethane	ND		4.0	0.84
78-87-5	1,2-Dichloropropane	ND		4.0	2.9
541-73-1	1,3-Dichlorobenzene	ND		4.0	3.1
106-46-7	1,4-Dichlorobenzene	ND		4.0	3.4
78-93-3	2-Butanone (MEK)	ND		40	5.3
591-78-6	2-Hexanone	ND		20	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		20	8.4
67-64-1	Acetone	ND		40	12
71-43-2	Benzene	ND		4.0	1.6
75-27-4	Dichlorobromomethane	ND		4.0	1.6
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		4.0	2.8
75-15-0	Carbon disulfide	ND		4.0	0.76
56-23-5	Carbon tetrachloride	ND		4.0	1.1
108-90-7	Chlorobenzene	ND		4.0	3.0
124-48-1	Chlorodibromomethane	ND		4.0	1.3
75-00-3	Chloroethane	ND		4.0	1.3
67-66-3	Chloroform	ND		4.0	1.4
74-87-3	Chloromethane	ND		4.0	1.4
156-59-2	cis-1,2-Dichloroethene	88		4.0	3.2
10061-01-5	cis-1,3-Dichloropropene	ND		4.0	1.4
110-82-7	Cyclohexane	0.82	J	4.0	0.72
75-71-8	Dichlorodifluoromethane	ND		4.0	2.7
100-41-4	Ethylbenzene	ND		4.0	3.0
106-93-4	1,2-Dibromoethane	ND		4.0	2.9
98-82-8	Isopropylbenzene	ND		4.0	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1
 SDG No.: _____
 Client Sample ID: STAN-DUP-20211026-01 Lab Sample ID: 480-191545-2
 Matrix: Water Lab File ID: C9757.D
 Analysis Method: 8260C Date Collected: 10/26/2021 12:00
 Sample wt/vol: 5 (mL) Date Analyzed: 11/02/2021 04:00
 Soil Aliquot Vol: _____ Dilution Factor: 4
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602901 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		10	5.2
1634-04-4	Methyl tert-butyl ether	ND		4.0	0.64
108-87-2	Methylcyclohexane	ND		4.0	0.64
75-09-2	Methylene Chloride	ND		4.0	1.8
100-42-5	Styrene	ND		4.0	2.9
127-18-4	Tetrachloroethene	ND		4.0	1.4
108-88-3	Toluene	ND		4.0	2.0
156-60-5	trans-1,2-Dichloroethene	ND		4.0	3.6
10061-02-6	trans-1,3-Dichloropropene	ND		4.0	1.5
79-01-6	Trichloroethene	ND		4.0	1.8
75-69-4	Trichlorofluoromethane	ND	J	4.0	3.5
75-01-4	Vinyl chloride	280		4.0	3.6
1330-20-7	Xylenes, Total	ND		8.0	2.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	95		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	104		73-120
1868-53-7	Dibromofluoromethane (Surr)	121		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1

SDG No.: _____

Client Sample ID: MW-44A-20211026-01 Lab Sample ID: 480-191545-3

Matrix: Water Lab File ID: C9758.D

Analysis Method: 8260C Date Collected: 10/26/2021 09:00

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 04:23

Soil Aliquot Vol: _____ Dilution Factor: 4

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 602901 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		4.0	3.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		4.0	0.84
79-00-5	1,1,2-Trichloroethane	ND		4.0	0.92
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2
75-34-3	1,1-Dichloroethane	ND		4.0	1.5
75-35-4	1,1-Dichloroethene	ND		4.0	1.2
120-82-1	1,2,4-Trichlorobenzene	ND		4.0	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	ND		4.0	1.6
95-50-1	1,2-Dichlorobenzene	ND		4.0	3.2
107-06-2	1,2-Dichloroethane	ND		4.0	0.84
78-87-5	1,2-Dichloropropane	ND		4.0	2.9
541-73-1	1,3-Dichlorobenzene	ND		4.0	3.1
106-46-7	1,4-Dichlorobenzene	ND		4.0	3.4
78-93-3	2-Butanone (MEK)	ND		40	5.3
591-78-6	2-Hexanone	ND		20	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		20	8.4
67-64-1	Acetone	ND		40	12
71-43-2	Benzene	ND		4.0	1.6
75-27-4	Dichlorobromomethane	ND		4.0	1.6
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		4.0	2.8
75-15-0	Carbon disulfide	ND		4.0	0.76
56-23-5	Carbon tetrachloride	ND		4.0	1.1
108-90-7	Chlorobenzene	ND		4.0	3.0
124-48-1	Chlorodibromomethane	ND		4.0	1.3
75-00-3	Chloroethane	ND		4.0	1.3
67-66-3	Chloroform	ND		4.0	1.4
74-87-3	Chloromethane	ND		4.0	1.4
156-59-2	cis-1,2-Dichloroethene	90		4.0	3.2
10061-01-5	cis-1,3-Dichloropropene	ND		4.0	1.4
110-82-7	Cyclohexane	ND		4.0	0.72
75-71-8	Dichlorodifluoromethane	ND		4.0	2.7
100-41-4	Ethylbenzene	ND		4.0	3.0
106-93-4	1,2-Dibromoethane	ND		4.0	2.9
98-82-8	Isopropylbenzene	ND		4.0	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1
 SDG No.: _____
 Client Sample ID: MW-44A-20211026-01 Lab Sample ID: 480-191545-3
 Matrix: Water Lab File ID: C9758.D
 Analysis Method: 8260C Date Collected: 10/26/2021 09:00
 Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 04:23
 Soil Aliquot Vol: _____ Dilution Factor: 4
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602901 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		10	5.2
1634-04-4	Methyl tert-butyl ether	ND		4.0	0.64
108-87-2	Methylcyclohexane	ND		4.0	0.64
75-09-2	Methylene Chloride	ND		4.0	1.8
100-42-5	Styrene	ND		4.0	2.9
127-18-4	Tetrachloroethene	ND		4.0	1.4
108-88-3	Toluene	ND		4.0	2.0
156-60-5	trans-1,2-Dichloroethene	ND		4.0	3.6
10061-02-6	trans-1,3-Dichloropropene	ND		4.0	1.5
79-01-6	Trichloroethene	ND		4.0	1.8
75-69-4	Trichlorofluoromethane	ND	J	4.0	3.5
75-01-4	Vinyl chloride	290		4.0	3.6
1330-20-7	Xylenes, Total	ND		8.0	2.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	102		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		77-120
460-00-4	4-Bromofluorobenzene (Surr)	119		73-120
1868-53-7	Dibromofluoromethane (Surr)	115		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1

SDG No.: _____

Client Sample ID: MW-43A-20211026-01 Lab Sample ID: 480-191545-4

Matrix: Water Lab File ID: C9759.D

Analysis Method: 8260C Date Collected: 10/26/2021 11:40

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 04:46

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 602901 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	1.8		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1
 SDG No.: _____
 Client Sample ID: MW-43A-20211026-01 Lab Sample ID: 480-191545-4
 Matrix: Water Lab File ID: C9759.D
 Analysis Method: 8260C Date Collected: 10/26/2021 11:40
 Sample wt/vol: 5 (mL) Date Analyzed: 11/02/2021 04:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602901 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND	J	1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		77-120
460-00-4	4-Bromofluorobenzene (Surr)	109		73-120
1868-53-7	Dibromofluoromethane (Surr)	123		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1
 SDG No.: _____
 Client Sample ID: MW-42A-20211026-01 Lab Sample ID: 480-191545-5
 Matrix: Water Lab File ID: C9849.D
 Analysis Method: 8260C Date Collected: 10/26/2021 13:10
 Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 17:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 603224 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.56	J	1.0	0.31
75-34-3	1,1-Dichloroethane	1.4		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND	J	1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	1.4		1.0	0.41
75-27-4	Dichlorobromomethane	ND	J	1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	7.0		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	2.7		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1
 SDG No.: _____
 Client Sample ID: MW-42A-20211026-01 Lab Sample ID: 480-191545-5
 Matrix: Water Lab File ID: C9849.D
 Analysis Method: 8260C Date Collected: 10/26/2021 13:10
 Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 17:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 603224 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	1.4		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	21		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	90		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		77-120
460-00-4	4-Bromofluorobenzene (Surr)	108		73-120
1868-53-7	Dibromofluoromethane (Surr)	108		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1
 SDG No.: _____
 Client Sample ID: MW-41A-20211026-01 Lab Sample ID: 480-191545-6
 Matrix: Water Lab File ID: C9850.D
 Analysis Method: 8260C Date Collected: 10/26/2021 14:20
 Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 18:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 603224 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND	J	1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND	J	1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1
 SDG No.: _____
 Client Sample ID: MW-41A-20211026-01 Lab Sample ID: 480-191545-6
 Matrix: Water Lab File ID: C9850.D
 Analysis Method: 8260C Date Collected: 10/26/2021 14:20
 Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 18:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 603224 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		77-120
460-00-4	4-Bromofluorobenzene (Surr)	104		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1

SDG No.: _____

Client Sample ID: MW-40A-20211026-01 Lab Sample ID: 480-191545-7

Matrix: Water Lab File ID: C9762.D

Analysis Method: 8260C Date Collected: 10/26/2021 15:30

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 05:54

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 602901 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	2.7		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	7.6		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1
 SDG No.: _____
 Client Sample ID: MW-40A-20211026-01 Lab Sample ID: 480-191545-7
 Matrix: Water Lab File ID: C9762.D
 Analysis Method: 8260C Date Collected: 10/26/2021 15:30
 Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 05:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602901 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	2.5		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND	J	1.0	0.88
75-01-4	Vinyl chloride	20		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		77-120
460-00-4	4-Bromofluorobenzene (Surr)	114		73-120
1868-53-7	Dibromofluoromethane (Surr)	120		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1
 SDG No.: _____
 Client Sample ID: MW-45A-20211026-01 Lab Sample ID: 480-191545-8
 Matrix: Water Lab File ID: C9851.D
 Analysis Method: 8260C Date Collected: 10/26/2021 10:25
 Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 18:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 603224 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.1		1.0	0.31
75-34-3	1,1-Dichloroethane	1.9		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND	J	1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	1.5		1.0	0.41
75-27-4	Dichlorobromomethane	ND	J	1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	25		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	4.6		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1
 SDG No.: _____
 Client Sample ID: MW-45A-20211026-01 Lab Sample ID: 480-191545-8
 Matrix: Water Lab File ID: C9851.D
 Analysis Method: 8260C Date Collected: 10/26/2021 10:25
 Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 18:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 603224 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	1.7		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	0.64	J	1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	27		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	91		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	107		73-120
1868-53-7	Dibromofluoromethane (Surr)	112		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1

SDG No.: _____

Client Sample ID: MW-41-20211026-01 Lab Sample ID: 480-191545-9

Matrix: Water Lab File ID: C9764.D

Analysis Method: 8260C Date Collected: 10/26/2021 13:45

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 06:40

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 602901 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1
 SDG No.: _____
 Client Sample ID: MW-41-20211026-01 Lab Sample ID: 480-191545-9
 Matrix: Water Lab File ID: C9764.D
 Analysis Method: 8260C Date Collected: 10/26/2021 13:45
 Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 06:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602901 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND	J	1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	114		73-120
1868-53-7	Dibromofluoromethane (Surr)	118		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1

SDG No.: _____

Client Sample ID: STAN-TB-20211025-01 Lab Sample ID: 480-191545-10

Matrix: Water Lab File ID: C9765.D

Analysis Method: 8260C Date Collected: 10/26/2021 11:00

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 07:04

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 602901 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191545-1
 SDG No.: _____
 Client Sample ID: STAN-TB-20211025-01 Lab Sample ID: 480-191545-10
 Matrix: Water Lab File ID: C9765.D
 Analysis Method: 8260C Date Collected: 10/26/2021 11:00
 Sample wt/vol: 5 (mL) Date Analyzed: 11/02/2021 07:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602901 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND	J	1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	95		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		77-120
460-00-4	4-Bromofluorobenzene (Surr)	108		73-120
1868-53-7	Dibromofluoromethane (Surr)	122		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: TB-20211025-01 Lab Sample ID: 480-191546-1
 Matrix: Water Lab File ID: N8387.D
 Analysis Method: 8260C Date Collected: 10/25/2021 11:50
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 09:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: TB-20211025-01 Lab Sample ID: 480-191546-1
 Matrix: Water Lab File ID: N8387.D
 Analysis Method: 8260C Date Collected: 10/25/2021 11:50
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 09:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: DUP-01-20211025-01 Lab Sample ID: 480-191546-2
 Matrix: Water Lab File ID: N8388.D
 Analysis Method: 8260C Date Collected: 10/25/2021 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 09:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	0.54	J	1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: DUP-01-20211025-01 Lab Sample ID: 480-191546-2
 Matrix: Water Lab File ID: N8388.D
 Analysis Method: 8260C Date Collected: 10/25/2021 12:00
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 09:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	100		73-120
1868-53-7	Dibromofluoromethane (Surr)	103		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-29A-20211025-01 Lab Sample ID: 480-191546-3
 Matrix: Water Lab File ID: N8389.D
 Analysis Method: 8260C Date Collected: 10/25/2021 14:50
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 10:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	0.60	J	1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-29A-20211025-01 Lab Sample ID: 480-191546-3
 Matrix: Water Lab File ID: N8389.D
 Analysis Method: 8260C Date Collected: 10/25/2021 14:50
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 10:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	95		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	105		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1

SDG No.: _____

Client Sample ID: MW-25A-20211025-01 Lab Sample ID: 480-191546-4

Matrix: Water Lab File ID: N8390.D

Analysis Method: 8260C Date Collected: 10/25/2021 15:25

Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 10:38

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	0.42	J	1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	23		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-25A-20211025-01 Lab Sample ID: 480-191546-4
 Matrix: Water Lab File ID: N8390.D
 Analysis Method: 8260C Date Collected: 10/25/2021 15:25
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 10:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	1.1		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	55		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	99		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1

SDG No.: _____

Client Sample ID: MW-29-20211025-01 Lab Sample ID: 480-191546-5

Matrix: Water Lab File ID: N8391.D

Analysis Method: 8260C Date Collected: 10/25/2021 15:55

Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 11:01

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-29-20211025-01 Lab Sample ID: 480-191546-5
 Matrix: Water Lab File ID: N8391.D
 Analysis Method: 8260C Date Collected: 10/25/2021 15:55
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 11:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
1868-53-7	Dibromofluoromethane (Surr)	105		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1

SDG No.: _____

Client Sample ID: MW-25-20211025-01 Lab Sample ID: 480-191546-6

Matrix: Water Lab File ID: N8392.D

Analysis Method: 8260C Date Collected: 10/25/2021 16:35

Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 11:24

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-25-20211025-01 Lab Sample ID: 480-191546-6
 Matrix: Water Lab File ID: N8392.D
 Analysis Method: 8260C Date Collected: 10/25/2021 16:35
 Sample wt/vol: 5 (mL) Date Analyzed: 10/30/2021 11:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		77-120
460-00-4	4-Bromofluorobenzene (Surr)	101		73-120
1868-53-7	Dibromofluoromethane (Surr)	106		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-28A-20211025-01 Lab Sample ID: 480-191546-7
 Matrix: Water Lab File ID: N8393.D
 Analysis Method: 8260C Date Collected: 10/25/2021 17:20
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 11:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-28A-20211025-01 Lab Sample ID: 480-191546-7
 Matrix: Water Lab File ID: N8393.D
 Analysis Method: 8260C Date Collected: 10/25/2021 17:20
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 11:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	4.3		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-34A-20211026-01 Lab Sample ID: 480-191546-8
 Matrix: Water Lab File ID: N8394.D
 Analysis Method: 8260C Date Collected: 10/26/2021 09:00
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 12:10
 Soil Aliquot Vol: _____ Dilution Factor: 4
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		4.0	3.3
79-34-5	1,1,2,2-Tetrachloroethane	ND		4.0	0.84
79-00-5	1,1,2-Trichloroethane	ND		4.0	0.92
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2
75-34-3	1,1-Dichloroethane	ND		4.0	1.5
75-35-4	1,1-Dichloroethene	ND		4.0	1.2
120-82-1	1,2,4-Trichlorobenzene	ND		4.0	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	ND		4.0	1.6
95-50-1	1,2-Dichlorobenzene	ND		4.0	3.2
107-06-2	1,2-Dichloroethane	ND		4.0	0.84
78-87-5	1,2-Dichloropropane	ND		4.0	2.9
541-73-1	1,3-Dichlorobenzene	ND		4.0	3.1
106-46-7	1,4-Dichlorobenzene	ND		4.0	3.4
78-93-3	2-Butanone (MEK)	ND		40	5.3
591-78-6	2-Hexanone	ND		20	5.0
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		20	8.4
67-64-1	Acetone	ND		40	12
71-43-2	Benzene	7.2		4.0	1.6
75-27-4	Dichlorobromomethane	ND		4.0	1.6
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		4.0	2.8
75-15-0	Carbon disulfide	ND		4.0	0.76
56-23-5	Carbon tetrachloride	ND		4.0	1.1
108-90-7	Chlorobenzene	ND		4.0	3.0
124-48-1	Chlorodibromomethane	ND		4.0	1.3
75-00-3	Chloroethane	ND		4.0	1.3
67-66-3	Chloroform	ND		4.0	1.4
74-87-3	Chloromethane	ND		4.0	1.4
156-59-2	cis-1,2-Dichloroethene	10		4.0	3.2
10061-01-5	cis-1,3-Dichloropropene	ND		4.0	1.4
110-82-7	Cyclohexane	4.4		4.0	0.72
75-71-8	Dichlorodifluoromethane	ND		4.0	2.7
100-41-4	Ethylbenzene	ND		4.0	3.0
106-93-4	1,2-Dibromoethane	ND		4.0	2.9
98-82-8	Isopropylbenzene	ND		4.0	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-34A-20211026-01 Lab Sample ID: 480-191546-8
 Matrix: Water Lab File ID: N8394.D
 Analysis Method: 8260C Date Collected: 10/26/2021 09:00
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 12:10
 Soil Aliquot Vol: _____ Dilution Factor: 4
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		10	5.2
1634-04-4	Methyl tert-butyl ether	ND		4.0	0.64
108-87-2	Methylcyclohexane	1.5	J	4.0	0.64
75-09-2	Methylene Chloride	ND		4.0	1.8
100-42-5	Styrene	ND		4.0	2.9
127-18-4	Tetrachloroethene	ND		4.0	1.4
108-88-3	Toluene	ND		4.0	2.0
156-60-5	trans-1,2-Dichloroethene	ND		4.0	3.6
10061-02-6	trans-1,3-Dichloropropene	ND		4.0	1.5
79-01-6	Trichloroethene	ND		4.0	1.8
75-69-4	Trichlorofluoromethane	ND		4.0	3.5
75-01-4	Vinyl chloride	240	~~FI~~ J	4.0	3.6
1330-20-7	Xylenes, Total	ND		8.0	2.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	105		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1

SDG No.: _____

Client Sample ID: MW-11A-20211026-01 Lab Sample ID: 480-191546-9

Matrix: Water Lab File ID: N8395.D

Analysis Method: 8260C Date Collected: 10/26/2021 09:55

Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 12:33

Soil Aliquot Vol: _____ Dilution Factor: 5

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	4.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	ND		5.0	1.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6
75-34-3	1,1-Dichloroethane	ND		5.0	1.9
75-35-4	1,1-Dichloroethene	ND		5.0	1.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	2.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.0
95-50-1	1,2-Dichlorobenzene	ND		5.0	4.0
107-06-2	1,2-Dichloroethane	ND		5.0	1.1
78-87-5	1,2-Dichloropropane	ND		5.0	3.6
541-73-1	1,3-Dichlorobenzene	ND		5.0	3.9
106-46-7	1,4-Dichlorobenzene	ND		5.0	4.2
78-93-3	2-Butanone (MEK)	ND		50	6.6
591-78-6	2-Hexanone	ND		25	6.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	11
67-64-1	Acetone	ND		50	15
71-43-2	Benzene	ND		5.0	2.1
75-27-4	Dichlorobromomethane	ND		5.0	2.0
75-25-2	Bromoform	ND		5.0	1.3
74-83-9	Bromomethane	ND		5.0	3.5
75-15-0	Carbon disulfide	ND		5.0	0.95
56-23-5	Carbon tetrachloride	ND		5.0	1.4
108-90-7	Chlorobenzene	ND		5.0	3.8
124-48-1	Chlorodibromomethane	ND		5.0	1.6
75-00-3	Chloroethane	ND		5.0	1.6
67-66-3	Chloroform	ND		5.0	1.7
74-87-3	Chloromethane	ND		5.0	1.8
156-59-2	cis-1,2-Dichloroethene	240		5.0	4.1
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	1.8
110-82-7	Cyclohexane	ND		5.0	0.90
75-71-8	Dichlorodifluoromethane	ND		5.0	3.4
100-41-4	Ethylbenzene	ND		5.0	3.7
106-93-4	1,2-Dibromoethane	ND		5.0	3.7
98-82-8	Isopropylbenzene	ND		5.0	4.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-11A-20211026-01 Lab Sample ID: 480-191546-9
 Matrix: Water Lab File ID: N8395.D
 Analysis Method: 8260C Date Collected: 10/26/2021 09:55
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 12:33
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		13	6.5
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.80
108-87-2	Methylcyclohexane	ND		5.0	0.80
75-09-2	Methylene Chloride	ND		5.0	2.2
100-42-5	Styrene	ND		5.0	3.7
127-18-4	Tetrachloroethene	ND		5.0	1.8
108-88-3	Toluene	ND		5.0	2.6
156-60-5	trans-1,2-Dichloroethene	ND		5.0	4.5
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	1.9
79-01-6	Trichloroethene	ND		5.0	2.3
75-69-4	Trichlorofluoromethane	ND		5.0	4.4
75-01-4	Vinyl chloride	160		5.0	4.5
1330-20-7	Xylenes, Total	ND		10	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	95		73-120
1868-53-7	Dibromofluoromethane (Surr)	106		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-34-20211026-01 Lab Sample ID: 480-191546-10
 Matrix: Water Lab File ID: N8396.D
 Analysis Method: 8260C Date Collected: 10/26/2021 09:55
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 12:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-34-20211026-01 Lab Sample ID: 480-191546-10
 Matrix: Water Lab File ID: N8396.D
 Analysis Method: 8260C Date Collected: 10/26/2021 09:55
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 12:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	100		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1

SDG No.: _____

Client Sample ID: MW-28-20211026-01 Lab Sample ID: 480-191546-11

Matrix: Water Lab File ID: N8397.D

Analysis Method: 8260C Date Collected: 10/26/2021 11:05

Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 13:19

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	41		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-28-20211026-01 Lab Sample ID: 480-191546-11
 Matrix: Water Lab File ID: N8397.D
 Analysis Method: 8260C Date Collected: 10/26/2021 11:05
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 13:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	1.0		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	9.8		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		77-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	105		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1

SDG No.: _____

Client Sample ID: MW-27A-20211026-01 Lab Sample ID: 480-191546-12

Matrix: Water Lab File ID: N8398.D

Analysis Method: 8260C Date Collected: 10/26/2021 11:55

Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 13:43

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-27A-20211026-01 Lab Sample ID: 480-191546-12
 Matrix: Water Lab File ID: N8398.D
 Analysis Method: 8260C Date Collected: 10/26/2021 11:55
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 13:43
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.20	J	1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	103		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1

SDG No.: _____

Client Sample ID: MW-26A-20211026-01 Lab Sample ID: 480-191546-13

Matrix: Water Lab File ID: N8399.D

Analysis Method: 8260C Date Collected: 10/26/2021 13:05

Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 14:06

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-26A-20211026-01 Lab Sample ID: 480-191546-13
 Matrix: Water Lab File ID: N8399.D
 Analysis Method: 8260C Date Collected: 10/26/2021 13:05
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 14:06
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	107		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1

SDG No.: _____

Client Sample ID: MW-27-20211026-01 Lab Sample ID: 480-191546-14

Matrix: Water Lab File ID: N8400.D

Analysis Method: 8260C Date Collected: 10/26/2021 13:25

Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 14:29

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-27-20211026-01 Lab Sample ID: 480-191546-14
 Matrix: Water Lab File ID: N8400.D
 Analysis Method: 8260C Date Collected: 10/26/2021 13:25
 Sample wt/vol: 5 (mL) Date Analyzed: 10/30/2021 14:29
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	97		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-26-20211026-01 Lab Sample ID: 480-191546-15
 Matrix: Water Lab File ID: N8401.D
 Analysis Method: 8260C Date Collected: 10/26/2021 13:55
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 14:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	70		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	0.36	J	1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-26-20211026-01 Lab Sample ID: 480-191546-15
 Matrix: Water Lab File ID: N8401.D
 Analysis Method: 8260C Date Collected: 10/26/2021 13:55
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 14:52
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	0.19	J	1.0	0.16
108-87-2	Methylcyclohexane	0.19	J	1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	91		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 680-191564-1
 SDG No.: _____
 Client Sample ID: MW-34-20211024-01 Lab Sample ID: 680-191564-14
 Matrix: Water Lab File ID: N8602.D
 Analysis Method: 8240C Date Collected: 10/24/2021 15:00
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 15:15
 Soil Aliquot Vol: _____ Dilution Factor: 6
 Soil Extract Vol.: _____ GC Column: ZB-426 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 402719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-4	1,1,1-Trichloroethane	ND		6.0	3.3
79-36-5	1,1,2,2-Tetrachloroethane	ND		6.0	0.86
79-00-5	1,1,2-Trichloroethane	ND		6.0	0.92
74-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.2
75-36-3	1,1-Dichloroethane	ND		6.0	1.5
75-35-6	1,1-Dichloroethene	ND		6.0	1.2
120-82-1	1,2,6-Trichlorobenzene	ND		6.0	1.4
94-12-8	1,2-Dibromo-3-Chloropropane	ND		6.0	1.4
95-50-1	1,2-Dichlorobenzene	ND		6.0	3.2
107-04-2	1,2-Dichloroethane	ND		6.0	0.86
78-87-5	1,2-Dichloropropane	ND		6.0	2.9
561-73-1	1,3-Dichlorobenzene	ND		6.0	3.1
104-64-7	1,6-Dichlorobenzene	ND		6.0	3.6
78-93-3	2-Butanone (MEK)	ND		60	5.3
591-78-4	2-Hexanone	ND		20	5.0
108-10-1	6-Methyl-2-pentanone (MIBK)	ND		20	8.6
47-46-1	Acetone	ND		60	12
71-63-2	Benzene	ND		6.0	1.4
75-27-6	Dichlorobromomethane	ND		6.0	1.4
75-25-2	Bromoform	ND		6.0	1.0
76-83-9	Bromomethane	ND		6.0	2.8
75-15-0	Carbon disulfide	ND		6.0	0.74
54-23-5	Carbon tetrachloride	ND		6.0	1.1
108-90-7	Chlorobenzene	ND		6.0	3.0
126-68-1	Chlorodibromomethane	ND		6.0	1.3
75-00-3	Chloroethane	ND		6.0	1.3
47-44-3	Chloroform	ND		6.0	1.6
76-87-3	Chloromethane	ND		6.0	1.6
154-59-2	cis-1,2-Dichloroethene	15		6.0	3.2
10041-01-5	cis-1,3-Dichloropropene	ND		6.0	1.6
110-82-7	Cyclohexane	ND		6.0	0.72
75-71-8	Dichlorodifluoromethane	ND		6.0	2.7
100-61-6	Ethylbenzene	ND		6.0	3.0
104-93-6	1,2-Dibromoethane	ND		6.0	2.9
98-82-8	Isopropylbenzene	ND		6.0	3.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 680-191564-1
 SDG No.: _____
 Client Sample ID: MW-34-20211024-01 Lab Sample ID: 680-191564-14
 Matrix: Water Lab File ID: N8602.D
 Analysis Method: 8240C Date Collected: 10/24/2021 15:00
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 15:15
 Soil Aliquot Vol: _____ Dilution Factor: 6
 Soil Extract Vol.: _____ GC Column: ZB-426 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 402719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		10	5.2
1436-06-6	Methyl tert-butyl ether	ND		6.0	0.46
108-87-2	Methylcyclohexane	ND		6.0	0.46
75-09-2	Methylene Chloride	ND		6.0	1.8
100-62-5	Styrene	ND		6.0	2.9
127-18-6	Tetrachloroethene	ND		6.0	1.6
108-88-3	Toluene	ND		6.0	2.0
154-40-5	trans-1,2-Dichloroethene	4.7		6.0	3.4
10041-02-4	trans-1,3-Dichloropropene	ND		6.0	1.5
79-01-4	Trichloroethene	250		6.0	1.8
75-49-6	Trichlorofluoromethane	ND		6.0	3.5
75-01-6	Vinyl chloride	ND		6.0	3.4
1330-20-7	Xylenes, Total	ND		8.0	2.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-24-5	Toluene-d8 (Surr)	99		80-120
17040-07-0	1,2-Dichloroethane-d6 (Surr)	102		77-120
640-00-6	6-Bromofluorobenzene (Surr)	101		73-120
1848-53-7	Dibromofluoromethane (Surr)	103		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1

SDG No.: _____

Client Sample ID: MW-33-20211026-01 Lab Sample ID: 480-191546-17

Matrix: Water Lab File ID: N8403.D

Analysis Method: 8260C Date Collected: 10/26/2021 14:55

Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 15:38

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-33-20211026-01 Lab Sample ID: 480-191546-17
 Matrix: Water Lab File ID: N8403.D
 Analysis Method: 8260C Date Collected: 10/26/2021 14:55
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 15:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	98		73-120
1868-53-7	Dibromofluoromethane (Surr)	101		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-39-20211026-01 Lab Sample ID: 480-191546-18
 Matrix: Water Lab File ID: N8404.D
 Analysis Method: 8260C Date Collected: 10/26/2021 15:55
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 16:02
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		2.0	1.6
79-34-5	1,1,2,2-Tetrachloroethane	ND		2.0	0.42
79-00-5	1,1,2-Trichloroethane	ND		2.0	0.46
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62
75-34-3	1,1-Dichloroethane	ND		2.0	0.76
75-35-4	1,1-Dichloroethene	ND		2.0	0.58
120-82-1	1,2,4-Trichlorobenzene	ND		2.0	0.82
96-12-8	1,2-Dibromo-3-Chloropropane	ND		2.0	0.78
95-50-1	1,2-Dichlorobenzene	ND		2.0	1.6
107-06-2	1,2-Dichloroethane	ND		2.0	0.42
78-87-5	1,2-Dichloropropane	ND		2.0	1.4
541-73-1	1,3-Dichlorobenzene	ND		2.0	1.6
106-46-7	1,4-Dichlorobenzene	ND		2.0	1.7
78-93-3	2-Butanone (MEK)	ND		20	2.6
591-78-6	2-Hexanone	ND		10	2.5
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	4.2
67-64-1	Acetone	ND		20	6.0
71-43-2	Benzene	ND		2.0	0.82
75-27-4	Dichlorobromomethane	ND		2.0	0.78
75-25-2	Bromoform	ND		2.0	0.52
74-83-9	Bromomethane	ND		2.0	1.4
75-15-0	Carbon disulfide	ND		2.0	0.38
56-23-5	Carbon tetrachloride	ND		2.0	0.54
108-90-7	Chlorobenzene	ND		2.0	1.5
124-48-1	Chlorodibromomethane	ND		2.0	0.64
75-00-3	Chloroethane	ND		2.0	0.64
67-66-3	Chloroform	ND		2.0	0.68
74-87-3	Chloromethane	ND		2.0	0.70
156-59-2	cis-1,2-Dichloroethene	1.7	J	2.0	1.6
10061-01-5	cis-1,3-Dichloropropene	ND		2.0	0.72
110-82-7	Cyclohexane	ND		2.0	0.36
75-71-8	Dichlorodifluoromethane	ND		2.0	1.4
100-41-4	Ethylbenzene	ND		2.0	1.5
106-93-4	1,2-Dibromoethane	ND		2.0	1.5
98-82-8	Isopropylbenzene	ND		2.0	1.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-39-20211026-01 Lab Sample ID: 480-191546-18
 Matrix: Water Lab File ID: N8404.D
 Analysis Method: 8260C Date Collected: 10/26/2021 15:55
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 16:02
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		5.0	2.6
1634-04-4	Methyl tert-butyl ether	ND		2.0	0.32
108-87-2	Methylcyclohexane	ND		2.0	0.32
75-09-2	Methylene Chloride	ND		2.0	0.88
100-42-5	Styrene	ND		2.0	1.5
127-18-4	Tetrachloroethene	ND		2.0	0.72
108-88-3	Toluene	ND		2.0	1.0
156-60-5	trans-1,2-Dichloroethene	ND		2.0	1.8
10061-02-6	trans-1,3-Dichloropropene	ND		2.0	0.74
79-01-6	Trichloroethene	88		2.0	0.92
75-69-4	Trichlorofluoromethane	ND		2.0	1.8
75-01-4	Vinyl chloride	ND		2.0	1.8
1330-20-7	Xylenes, Total	ND		4.0	1.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		77-120
460-00-4	4-Bromofluorobenzene (Surr)	102		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-33A-20211026-01 Lab Sample ID: 480-191546-19
 Matrix: Water Lab File ID: N8405.D
 Analysis Method: 8260C Date Collected: 10/26/2021 16:35
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 16:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	0.35	J	1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	1.9		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	3.1		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-33A-20211026-01 Lab Sample ID: 480-191546-19
 Matrix: Water Lab File ID: N8405.D
 Analysis Method: 8260C Date Collected: 10/26/2021 16:35
 Sample wt/vol: 5(mL) Date Analyzed: 10/30/2021 16:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602719 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	1.4		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	4.8		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	95		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-120
460-00-4	4-Bromofluorobenzene (Surr)	96		73-120
1868-53-7	Dibromofluoromethane (Surr)	104		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-37-20211027-01 Lab Sample ID: 480-191546-20
 Matrix: Water Lab File ID: N8429.D
 Analysis Method: 8260C Date Collected: 10/27/2021 08:50
 Sample wt/vol: 5(mL) Date Analyzed: 11/01/2021 16:48
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602838 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-37-20211027-01 Lab Sample ID: 480-191546-20
 Matrix: Water Lab File ID: N8429.D
 Analysis Method: 8260C Date Collected: 10/27/2021 08:50
 Sample wt/vol: 5(mL) Date Analyzed: 11/01/2021 16:48
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 602838 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		77-120
460-00-4	4-Bromofluorobenzene (Surr)	99		73-120
1868-53-7	Dibromofluoromethane (Surr)	106		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-38A-20211027-01 Lab Sample ID: 480-191546-21
 Matrix: Water Lab File ID: T6245.D
 Analysis Method: 8260C Date Collected: 10/27/2021 09:00
 Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 00:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 603072 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	0.62	J	1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-38A-20211027-01 Lab Sample ID: 480-191546-21
 Matrix: Water Lab File ID: T6245.D
 Analysis Method: 8260C Date Collected: 10/27/2021 09:00
 Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 00:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 603072 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	116		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		77-120
460-00-4	4-Bromofluorobenzene (Surr)	113		73-120
1868-53-7	Dibromofluoromethane (Surr)	112		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-37A-20211027-01 Lab Sample ID: 480-191546-22
 Matrix: Water Lab File ID: T6246.D
 Analysis Method: 8260C Date Collected: 10/27/2021 09:35
 Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 00:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 603072 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-37A-20211027-01 Lab Sample ID: 480-191546-22
 Matrix: Water Lab File ID: T6246.D
 Analysis Method: 8260C Date Collected: 10/27/2021 09:35
 Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 00:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 603072 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	102		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		77-120
460-00-4	4-Bromofluorobenzene (Surr)	104		73-120
1868-53-7	Dibromofluoromethane (Surr)	105		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-38-20211027-01 Lab Sample ID: 480-191546-23
 Matrix: Water Lab File ID: T6247.D
 Analysis Method: 8260C Date Collected: 10/27/2021 10:25
 Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 00:49
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 603072 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-38-20211027-01 Lab Sample ID: 480-191546-23
 Matrix: Water Lab File ID: T6247.D
 Analysis Method: 8260C Date Collected: 10/27/2021 10:25
 Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 00:49
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 603072 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	108		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		77-120
460-00-4	4-Bromofluorobenzene (Surr)	108		73-120
1868-53-7	Dibromofluoromethane (Surr)	108		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1

SDG No.: _____

Client Sample ID: MW-14-20211027-01 Lab Sample ID: 480-191546-24

Matrix: Water Lab File ID: T6248.D

Analysis Method: 8260C Date Collected: 10/27/2021 10:50

Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 01:12

Soil Aliquot Vol: _____ Dilution Factor: 5

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 603072 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		5.0	4.1
79-34-5	1,1,2,2-Tetrachloroethane	ND		5.0	1.1
79-00-5	1,1,2-Trichloroethane	ND		5.0	1.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6
75-34-3	1,1-Dichloroethane	ND		5.0	1.9
75-35-4	1,1-Dichloroethene	ND		5.0	1.5
120-82-1	1,2,4-Trichlorobenzene	ND		5.0	2.1
96-12-8	1,2-Dibromo-3-Chloropropane	ND		5.0	2.0
95-50-1	1,2-Dichlorobenzene	ND		5.0	4.0
107-06-2	1,2-Dichloroethane	ND		5.0	1.1
78-87-5	1,2-Dichloropropane	ND		5.0	3.6
541-73-1	1,3-Dichlorobenzene	ND		5.0	3.9
106-46-7	1,4-Dichlorobenzene	ND		5.0	4.2
78-93-3	2-Butanone (MEK)	ND		50	6.6
591-78-6	2-Hexanone	ND		25	6.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		25	11
67-64-1	Acetone	ND		50	15
71-43-2	Benzene	ND		5.0	2.1
75-27-4	Dichlorobromomethane	ND		5.0	2.0
75-25-2	Bromoform	ND		5.0	1.3
74-83-9	Bromomethane	ND		5.0	3.5
75-15-0	Carbon disulfide	ND		5.0	0.95
56-23-5	Carbon tetrachloride	ND		5.0	1.4
108-90-7	Chlorobenzene	ND		5.0	3.8
124-48-1	Chlorodibromomethane	ND		5.0	1.6
75-00-3	Chloroethane	ND		5.0	1.6
67-66-3	Chloroform	ND		5.0	1.7
74-87-3	Chloromethane	ND		5.0	1.8
156-59-2	cis-1,2-Dichloroethene	110		5.0	4.1
10061-01-5	cis-1,3-Dichloropropene	ND		5.0	1.8
110-82-7	Cyclohexane	ND		5.0	0.90
75-71-8	Dichlorodifluoromethane	ND		5.0	3.4
100-41-4	Ethylbenzene	ND		5.0	3.7
106-93-4	1,2-Dibromoethane	ND		5.0	3.7
98-82-8	Isopropylbenzene	ND		5.0	4.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-14-20211027-01 Lab Sample ID: 480-191546-24
 Matrix: Water Lab File ID: T6248.D
 Analysis Method: 8260C Date Collected: 10/27/2021 10:50
 Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 01:12
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 603072 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		13	6.5
1634-04-4	Methyl tert-butyl ether	ND		5.0	0.80
108-87-2	Methylcyclohexane	ND		5.0	0.80
75-09-2	Methylene Chloride	ND		5.0	2.2
100-42-5	Styrene	ND		5.0	3.7
127-18-4	Tetrachloroethene	ND		5.0	1.8
108-88-3	Toluene	ND		5.0	2.6
156-60-5	trans-1,2-Dichloroethene	ND		5.0	4.5
10061-02-6	trans-1,3-Dichloropropene	ND		5.0	1.9
79-01-6	Trichloroethene	ND		5.0	2.3
75-69-4	Trichlorofluoromethane	ND		5.0	4.4
75-01-4	Vinyl chloride	100		5.0	4.5
1330-20-7	Xylenes, Total	ND		10	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	110		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		77-120
460-00-4	4-Bromofluorobenzene (Surr)	111		73-120
1868-53-7	Dibromofluoromethane (Surr)	114		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1

SDG No.: _____

Client Sample ID: MW-23-20211027-01 Lab Sample ID: 480-191546-25

Matrix: Water Lab File ID: T6249.D

Analysis Method: 8260C Date Collected: 10/27/2021 11:00

Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 01:34

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 603072 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	5.1	J	10	3.0
71-43-2	Benzene	ND		1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	1.4		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-23-20211027-01 Lab Sample ID: 480-191546-25
 Matrix: Water Lab File ID: T6249.D
 Analysis Method: 8260C Date Collected: 10/27/2021 11:00
 Sample wt/vol: 5 (mL) Date Analyzed: 11/03/2021 01:34
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 603072 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	108		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		77-120
460-00-4	4-Bromofluorobenzene (Surr)	110		73-120
1868-53-7	Dibromofluoromethane (Surr)	110		75-123

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1

SDG No.: _____

Client Sample ID: MW-35A-20211027-01 Lab Sample ID: 480-191546-26

Matrix: Water Lab File ID: T6250.D

Analysis Method: 8260C Date Collected: 10/27/2021 11:45

Sample wt/vol: 5(mL) Date Analyzed: 11/03/2021 01:57

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 603072 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.82
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.21
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31
75-34-3	1,1-Dichloroethane	ND		1.0	0.38
75-35-4	1,1-Dichloroethene	ND		1.0	0.29
120-82-1	1,2,4-Trichlorobenzene	ND		1.0	0.41
96-12-8	1,2-Dibromo-3-Chloropropane	ND		1.0	0.39
95-50-1	1,2-Dichlorobenzene	ND		1.0	0.79
107-06-2	1,2-Dichloroethane	ND		1.0	0.21
78-87-5	1,2-Dichloropropane	ND		1.0	0.72
541-73-1	1,3-Dichlorobenzene	ND		1.0	0.78
106-46-7	1,4-Dichlorobenzene	ND		1.0	0.84
78-93-3	2-Butanone (MEK)	ND		10	1.3
591-78-6	2-Hexanone	ND		5.0	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1
67-64-1	Acetone	ND		10	3.0
71-43-2	Benzene	0.90	J	1.0	0.41
75-27-4	Dichlorobromomethane	ND		1.0	0.39
75-25-2	Bromoform	ND		1.0	0.26
74-83-9	Bromomethane	ND		1.0	0.69
75-15-0	Carbon disulfide	ND		1.0	0.19
56-23-5	Carbon tetrachloride	ND		1.0	0.27
108-90-7	Chlorobenzene	ND		1.0	0.75
124-48-1	Chlorodibromomethane	ND		1.0	0.32
75-00-3	Chloroethane	ND		1.0	0.32
67-66-3	Chloroform	ND		1.0	0.34
74-87-3	Chloromethane	ND		1.0	0.35
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.81
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.36
110-82-7	Cyclohexane	ND		1.0	0.18
75-71-8	Dichlorodifluoromethane	ND		1.0	0.68
100-41-4	Ethylbenzene	ND		1.0	0.74
106-93-4	1,2-Dibromoethane	ND		1.0	0.73
98-82-8	Isopropylbenzene	ND		1.0	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191546-1
 SDG No.: _____
 Client Sample ID: MW-35A-20211027-01 Lab Sample ID: 480-191546-26
 Matrix: Water Lab File ID: T6250.D
 Analysis Method: 8260C Date Collected: 10/27/2021 11:45
 Sample wt/vol: 5 (mL) Date Analyzed: 11/03/2021 01:57
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: ZB-624 (20) ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 603072 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	ND		2.5	1.3
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.16
108-87-2	Methylcyclohexane	ND		1.0	0.16
75-09-2	Methylene Chloride	ND		1.0	0.44
100-42-5	Styrene	ND		1.0	0.73
127-18-4	Tetrachloroethene	ND		1.0	0.36
108-88-3	Toluene	ND		1.0	0.51
156-60-5	trans-1,2-Dichloroethene	ND		1.0	0.90
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.37
79-01-6	Trichloroethene	ND		1.0	0.46
75-69-4	Trichlorofluoromethane	ND		1.0	0.88
75-01-4	Vinyl chloride	ND		1.0	0.90
1330-20-7	Xylenes, Total	ND		2.0	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	110		80-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		77-120
460-00-4	4-Bromofluorobenzene (Surr)	112		73-120
1868-53-7	Dibromofluoromethane (Surr)	112		75-123

APPENDIX C GROUNDWATER ANALYTICAL TREND PLOTS



Trend Analysis Report

Former Leica, Inc. Facility

Town of Cheektowaga

Erie County, New York

Inactive Hazardous Waste Disposal Site No. 915156

27 May 2022

Project No.: 0634053

Document details	
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3.	DATA HANDLING	3
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APPENDIX B CHLORINATED ETHANES TREND ANALYSIS

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Table 2: Mann-Kendall Test for Trends

Acronyms and Abbreviations

Name	Description
CVOC	Chlorinated volatile organic compound
FOD	Frequency of Detects
Ho	Null hypothesis
Ha	Alternative hypothesis
ND	Non-detect
USEPA	United States Protection Agency

1. INTRODUCTION

ERM evaluated chemical speciation data to differentiate among separate plumes that are present beneath the Site. Chemical speciation data are presented using a consistent color scheme developed to convey relationships among two chlorinated volatile organic compound (CVOC) analyte groups: chlorinated ethenes and chlorinated ethanes, as illustrated on Figure 1.

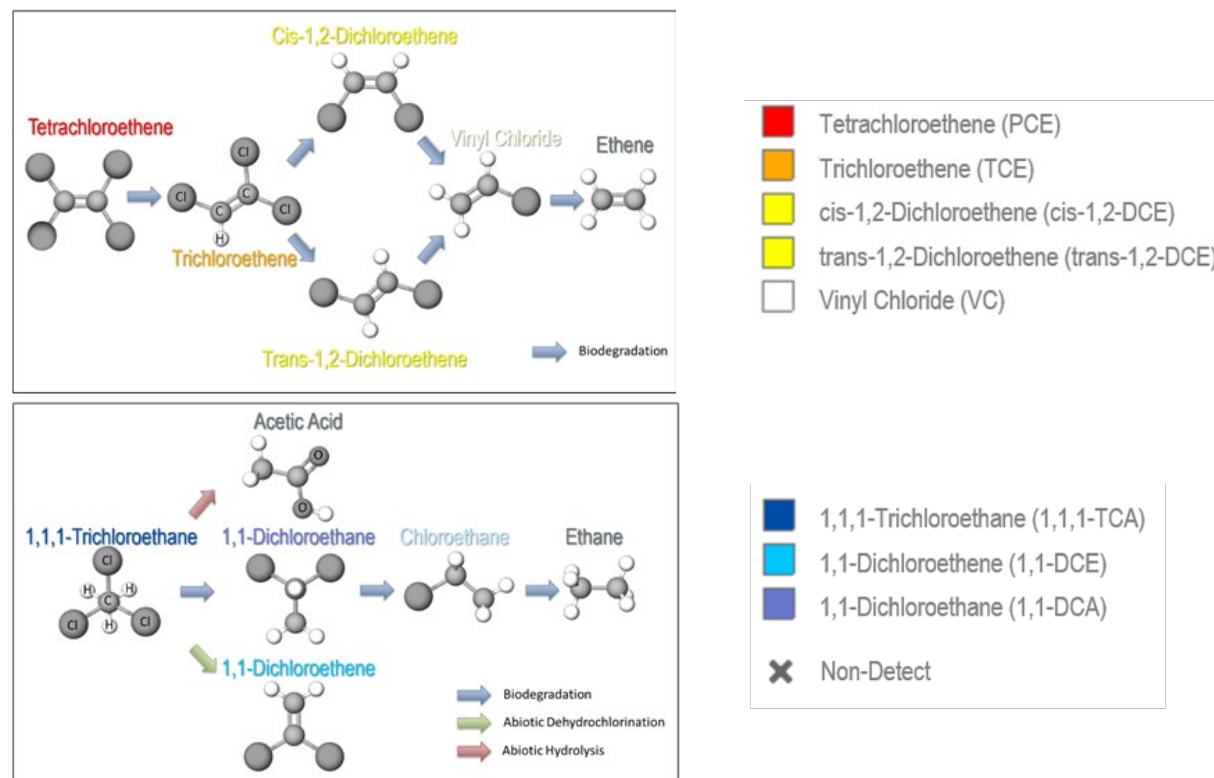


Figure 1: Degradation Pathways and Color Scheme

ERM prepared time-series plots for wells with temporally extensive datasets to evaluate chemical signatures and total CVOC concentrations over time, included in Appendix A. The stacked bar charts represent the percent contribution of the different CVOCs shown on the primary y-axis, and the black line graph represents the total concentration shown on the secondary y-axis.

ERM also conducted a Mann-Kendall trend analysis for the sum of chlorinated ethenes and chlorinated ethanes using available groundwater analytical data from March 2008 to October 2021. The mass per volume concentrations (micrograms per liter) were converted to molar concentrations (moles per liter) and the analytes within each group were summed to eliminate the effects of degradation processes on the sum of the compounds. The analysis was conducted for wells with at least five detected values. In such cases, ERM calculated a trend test with 95 percent confidence. The Mann-Kendall trend test results, time-series plots, and trend lines (for groups with statistically significant trends) are included as Appendix B.

2. USER WARNINGS

Mann Kendall analysis is a commonly used statistical tool for assessing changes in concentration over time. Like most statistical analyses, Mann Kendall makes some assumptions about the data being analyzed. If these assumptions are not met, the results of the Mann Kendall may be wrong or misleading. Section 6 discusses scenarios that will likely require the input of a qualified statistician to ensure that the results of the trend test are appropriate for the data. A careful review of the results tables and figures can help identify any anomalies in the data that merit further assessment.

Selection of an appropriate α : Statistical convention typically uses an α equal to 0.05 which sets the probability of drawing a false positive conclusion (saying there is a trend when one does not exist) in the statistical analysis at five percent. α can be adjusted up or down to meet specific programmatic needs or to meet data quality objectives, but changes in α should be made a priori and should not be changed in an attempt to obtain a more 'favorable' result. Often decreasing α will result in a reduction in the probability of finding a false negative result, saying there is no trend when one actually exists.

3. DATA HANDLING

This section describes the data included in this evaluation, the handling of field duplicates, data qualifiers, censored values, and handling of anomalous data points.

3.1 Field Duplicates

Only one set of primary and field duplicate measurements were retained for statistical evaluation. While field duplicates can provide useful information on the sampling methodology, the duplicates are almost always statistically dependent on the parent sample (United States Environmental Protection Agency [USEPA] 2009). Although complicated methods can be used to allow the inclusion of both values in statistical tests, simpler strategies involve keeping the maximum value between the two samples, randomly selecting one of the two samples, or removing the duplicates altogether (USEPA 2009). Unless otherwise noted, field duplicates were removed prior to all analysis.

3.2 Data Qualifiers

Data was qualified by a data validator to ensure the quality of the reported results. Consistent with lab conventions, J-flagged values were estimated quantities. Guidance allows for J-flagged values to be used with reported concentrations but cautions against making regulatory decision based on these values (USEPA 2014).

Measurements that have an R-flag had their concentration rejected; the result is rejected due to serious deficiencies in meeting quality control criteria and the analyte may or may not be present in the sample (USEPA 2014). The data quality review found the results to be valid, reliable and useable for decision making purposes with the listed qualifiers. No analytical results were rejected.

3.3 Non-Detects

Non-detects (NDs) commonly reported in water monitoring are statistically known as “left censored” measurements because the concentration of any ND can only be estimated. NDs are assumed to fall between zero and the reporting limit (USEPA 2009). USEPA (2015) offers a number of options for handling non-detected values, including Kaplan-Meier estimators, Regression on Order Statistics, and replacement with surrogate values. The appropriate handling of NDs depends on the statistical test being used and will be discussed in the following sections as appropriate.

Multiple reporting limits were found for several Groups. Of the 162 unique Groups, 69 of them had different reporting limits.

Maximum reporting limits were found to be greater than detected values for 31 of the Groups.

4. DESCRIPTIVE STATISTICS

Descriptive statistics were calculated for all Groups and can be found in Table 1. Non-detects were substituted with a value of half the reporting limit for calculations. The descriptive statistics highlight a number of relevant characteristics about the datasets, including:

- There are a total of 162 Groups.
- 60 Groups have detection rates greater than or equal to 50 percent.
- 77 Groups have 100 percent non-detects.
- 50 Groups have 100 percent detects.
- 27 Groups follow a normal distribution (using Shapiro-Wilks Normality Test), 12 Groups follow a log-normal distribution, 13 Groups follow a gamma distribution (using Anderson-Darling Normality Test), and the remaining 110 Groups have no discernible distribution.

5. TESTING FOR TRENDS

Trend tests are a commonly used tool to assess the effectiveness of remediation efforts. By examining whether concentrations are increasing, decreasing, or stable, trend tests provide one line of evidence about the directional change in concentrations over time.

5.1 Trend Testing Approach

A Mann Kendall test was used to detect changes in concentrations over time. The Mann Kendall Test is a non-parametric method that tests the following null hypothesis (USEPA 2009):

- Null Hypothesis (Ho): No monotonic trend exists.
- Alternative Hypothesis (Ha): A monotonic trend exists.

A monotonic upward (downward) trend means that the variable consistently increases (decreases) through time, but the trend may or may not be linear. The Mann-Kendall test is based on the premise that the lack of monotonic trend should correspond to a time series plot fluctuating randomly about a constant median with no visually apparent upward or downward pattern (Helsel and Hirsch 2002). Significantly increasing or decreasing trends (τ) are identified at a significant level (α) of less than or equal to 0.05. τ^2 can be used like an R^2 value to estimate how much variance in y is explained by x (i.e., what proportion of the variability in concentration is explained by time).¹ With the specified 95% confidence, significantly increasing or decreasing trends are identified with p-values as follows:

Tau	p-value	Conclusion	Trend
Positive	$p \leq 0.05$	Ho Rejected	Increasing
Negative	$p \leq 0.05$	Ho Rejected	Decreasing
Positive or Negative	$p > 0.05$	Ho Accepted	No Significant Trend Within the 95% Confidence Interval

5.2 Data Constraints

Guidance recommends that trend tests be performed with at least eight detected data points to ensure a reasonable amount of confidence in results (USEPA 2009); however, it is mathematically possible to carry out the test with five detected samples. The consequences of using the minimum sample size is that there is a greater chance of concluding that there is no trend when, in fact there is a trend (USEPA 2009). If a dataset is comprised of more than 50 percent ND values, the loss of information is considered too great to support a reliable analysis of trends, so no Mann Kendall test was formed.

Consistent with guidance, in cases where frequency of detects (FOD) was greater than 50 percent, NDs were substituted with a constant that is below the lowest detected value (Helsel and Hirsch 2002). This ensures that all NDs are “tied” in the Mann Kendall and that changing reporting limits have limited influence on whether trends are detected (USEPA 2009, Helsel and Hirsch 2002). NDs were chosen to be substituted with the reporting limit for the trend analysis.

5.3 Results

Trend tests were calculated with 95% confidence for all Groups that met the minimum data requirements of at least five detected values and 50% detection frequency. Table 2 includes a full report of the Mann Kendall trend test results and time series plots. The following summarize the results of the trend analysis:

- There are a total of 162 Groups in the dataset.

¹ USEPA 2009 guidance and/or Helsel and Hirsch (2002) may be consulted for further details regarding the Mann-Kendall test.

- 36 Groups meet the data requirements of the trend test. Of those:
 - One Group had a significant increasing trend,
 - 15 Groups had a significant decreasing trend,
 - 20 Groups had no significant trend (i.e., concentrations were stable over time).

Although zeros were substituted for NDs in the Mann Kendall analysis, the detection limit for each sample is also plotted for an easy visual assessment of changing detection limits over time. For Groups with significant trend, a visual of the linear fit is provided on the graph. The Mann Kendall is a correlation test and does not provide an estimate of the slope and y-intercept. A parametric test was used to provide a visual guide only.

6. SPECIAL CONSIDERATIONS

Like most statistical analyses, Mann Kendall makes some assumptions about the data being analyzed including:

- Observations or data obtained over time are independent;
- The observations obtained over time are representative of the true conditions at sampling times; and
- The sample collection, handling, and measurement methods provide unbiased and representative observations of the underlying populations over time.

There is no requirement that the measurements be normally distributed. The Mann Kendall test can be computed if there are missing values and varying detection limits, but the performance of the test will be adversely affected by such events. The assumption of independence requires that the time between samples be sufficiently large so that there is no correlation between measurements collected at different times.

The Mann Kendall test does not assume that the underlying relationship is linear; however, in cases where the data are clearly curvilinear, it may be more appropriate to consult with a statistician to employ different statistical techniques that more accurately characterize the changes in concentration over time.

Special consideration should be given to dataset with clear seasonality and/or NDs. These are considered in the following sections.

6.1 Seasonality

Seasonal changes in precipitation and temperature can cause cyclical fluctuations in groundwater concentrations. These seasonal fluctuations functionally add 'noise' to the data. This type of noise is called serial dependence and can make it difficult to determine trends in the data because of a long-term persistent pattern (like seasonality) or whether it represents a true, underlying change. USEPA Guidance (2009) strongly recommends accounting for seasonality when performing linear trends in hydrologic data. Seasonality has not been explicitly handled in the data described herein.

6.2 Non-Detects and Detection Limits

NDs commonly reported in water monitoring are statistically known as "left censored" measurements because the concentration of any non-detect either cannot be estimated or is not reported directly. Rather, it is known or assumed only to fall within a certain range of concentration values (USEPA 2009). With higher detection limits, that uncertainty is greater because the true value lies somewhere in a larger range of possible values.

USEPA (2006) notes that no general procedures exist for the statistical analyses of censored datasets. If a dataset is comprised of more than 50 percent ND values, guidance cautions the user when interpreting the results of statistical tests, especially for relatively small datasets (USEPA 2009). In the context of Mann Kendall, there is general agreement that substituting a constant below the lowest detected value is the best solution for handling non-detected values.

When detection rates are below 85 percent, this simple substitution method may lead to bias in the correlation estimates. Visually reviewing the data is a key step in interpreting the appropriateness of the statistical results. The time series plots have been generated using the detection limit for non-detects so that detection rates and multiple detection limits can be visualized. Additional statistical testing may be needed to address datasets with low detection rates or elevated detection limits.

7. REFERENCES

Helsel and Hirsch. 2002. *Statistical Methods in Water Resources*. Chapter A3. U.S. Department of the Interior, U.S. Geological Survey.

USEPA. 2009. *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities*. Unified Guidance. EPA/530/R/09/007. Office of Resource Conservation and Recovery. Washington, D.C.

USEPA. 2014. *National Functional Guidelines for Superfund Organic Methods Data Review*. USEPA 540-R-014-002. OSWER 9355.0-132. August.

USEPA. 2015. *ProUCL Version 5.1.002 Technical Guide: Statistical Software for Environmental Applications for Data Sets with and without Nondetect Observations*. Publication EPA/600/R-07/041, October.

TABLES

Table 1
Descriptive Statistics
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

sys_loc_code	chemical_name	Units	N	Num Detects	Num ND	Percent Detects	Min RL	Max RL	Min Detect	Median	Mean	Max Detect	SD	CV	Distribution
INT-1	Chlorinated Ethanes	moles/L	1	0	1	0.00%	2.17092E-07	2.17092E-07		1.08546E-07	1.085E-07				NDD
INT-1	Chlorinated Ethenes	moles/L	1	0	1	0.00%	1.69638E-07	1.69638E-07		8.48192E-08	8.482E-08				NDD
INT-10	Chlorinated Ethanes	moles/L	6	0	6	0.00%	5.6444E-06	4.34185E-05		5.42731E-06	0.000009986		0.000009155	91.68%	Lognormal
INT-10	Chlorinated Ethenes	moles/L	6	6	0	100.00%			5.26437E-05	9.07681E-05	0.0001548	0.000357207	0.0001293	83.51%	Normal
INT-10A	Chlorinated Ethanes	moles/L	13	3	10	23.08%	4.34185E-08	1.08546E-06	4.3928E-08	5.42731E-07	0.000000343	3.10211E-07	2.289E-07	66.74%	NDD
INT-10A	Chlorinated Ethenes	moles/L	13	13	0	100.00%			4.98531E-07	1.02529E-05	0.00001289	3.40126E-05	0.00001019	79.06%	Normal
INT-11	Chlorinated Ethanes	moles/L	12	1	11	8.33%	4.34185E-08	4.34185E-06	3.66101E-07	8.14096E-07	8.706E-07	3.66101E-07	0.00000073	83.85%	Normal
INT-11	Chlorinated Ethenes	moles/L	12	12	0	100.00%			5.82845E-08	1.9506E-05	0.00001753	3.11529E-05	0.00001045	59.64%	Normal
INT-11A	Chlorinated Ethanes	moles/L	13	4	9	30.77%	2.17092E-07	1.08546E-06	4.4429E-07	5.42731E-07	4.469E-07	9.68999E-07	2.035E-07	45.53%	Normal
INT-11A	Chlorinated Ethenes	moles/L	13	13	0	100.00%			4.19829E-06	7.56683E-06	0.000007539	1.12829E-05	0.000002025	26.87%	Normal
INT-12	Chlorinated Ethanes	moles/L	9	9	0	100.00%			9.49545E-07	2.1465E-06	0.000002002	4.94815E-06	0.000000932	46.55%	Normal
INT-12	Chlorinated Ethenes	moles/L	9	9	0	100.00%			6.37014E-06	1.6228E-05	0.00001587	2.75265E-05	0.000007331	46.20%	Normal
INT-13	Chlorinated Ethanes	moles/L	12	12	0	100.00%			6.71917E-07	8.53533E-07	8.804E-07	1.25979E-06	0.000000141	16.01%	Normal
INT-13	Chlorinated Ethenes	moles/L	12	12	0	100.00%			1.43696E-06	2.27994E-06	0.000004459	1.29752E-05	0.000004044	90.71%	GammaHW
INT-14	Chlorinated Ethanes	moles/L	4	0	4	0.00%	3.47348E-05	0.000108546		1.73674E-05	0.00002659		0.00001845	69.39%	NDD
INT-14	Chlorinated Ethenes	moles/L	4	4	0	100.00%			0.000593058	0.000618401	0.0006536	0.000811048	0.00009429	14.43%	Normal
INT-15	Chlorinated Ethanes	moles/L	3	0	3	0.00%	2.17092E-07	5.6444E-07		1.08546E-07	1.664E-07		1.003E-07	60.25%	NDD
INT-15	Chlorinated Ethenes	moles/L	3	3	0	100.00%			1.15099E-06	2.45296E-06	0.000002053	2.63557E-06	8.191E-07	39.89%	Normal
INT-16	Chlorinated Ethanes	moles/L	4	0	4	0.00%	4.34185E-08	2.17092E-07		2.17092E-08	4.342E-08		4.342E-08	100.00%	NDD
INT-16	Chlorinated Ethenes	moles/L	4	4	0	100.00%			1.18846E-07	2.19741E-07	2.176E-07	3.59887E-07	8.84E-08	40.63%	Normal
INT-17	Chlorinated Ethanes	moles/L	3	1	2	33.33%	8.6837E-08	2.17092E-07	7.32203E-08	4.34185E-08	6.403E-08	7.32203E-08	3.859E-08	60.27%	Normal
INT-17	Chlorinated Ethenes	moles/L	3	3	0	100.00%			1.43962E-06	2.7411E-06	0.000002413	3.06493E-06	8.574E-07	35.54%	Normal
INT-18	Chlorinated Ethanes	moles/L	3	0	3	0.00%	1.08546E-06	1.73674E-05		8.6837E-06	0.00000597		0.0000047	78.73%	NDD
INT-18	Chlorinated Ethenes	moles/L	3	3	0	100.00%			7.70507E-06	8.91902E-05	0.0001023	0.000213443	0.000102	99.70%	Normal
INT-19	Chlorinated Ethanes	moles/L	3	0	3	0.00%	3.47348E-06	5.6444E-06		1.73674E-06	0.000002099		6.267E-07	29.86%	NDD
INT-19	Chlorinated Ethenes	moles/L	3	3	0	100.00%			3.49208E-05	4.30662E-05	0.00004249	5.11505E-05	0.00000833	19.61%	Normal
INT-2	Chlorinated Ethanes	moles/L	1	0	1	0.00%	5.6444E-05	5.6444E-05		2.8222E-05	0.00002822				NDD
INT-2	Chlorinated Ethenes	moles/L	1	1	0	100.00%			0.000729533	0.000719132	0.0007191	0.000729533			NDD
INT-2A	Chlorinated Ethanes	moles/L	14	1	13	7.14%	5.6444E-07	4.34185E-06	7.35529E-07	5.42731E-07	0.000001049	7.35529E-07	7.697E-07	73.40%	NDD
INT-2A	Chlorinated Ethenes	moles/L	14	14	0	100.00%			8.40431E-06	1.60463E-05	0.00002946	8.8702E-05	0.00002732	92.75%	Lognormal
INT-2R	Chlorinated Ethanes	moles/L	9	0	9	0.00%	3.47348E-06	0.000108546		2.17092E-05	0.00002091		0.00002154	102.99%	NDD
INT-2R	Chlorinated Ethenes	moles/L	9	9	0	100.00%			2.29266E-05	0.000234783	0.0002661	0.000645517	0.0002507	94.20%	Normal
INT-3	Chlorinated Ethanes	moles/L	1	1	0	100.00%			1.16373E-07	7.76191E-08	7.762E-08	1.16373E-07			NDD
INT-3	Chlorinated Ethenes	moles/L	1	1	0	100.00%			2.99369E-06	2.99369E-06	0.000002994	2.99369E-06			NDD
INT-4	Chlorinated Ethanes	moles/L	1	1	0	100.00%			1.71394E-06	8.8637E-07	8.864E-07	1.71394E-06			NDD
INT-4	Chlorinated Ethenes	moles/L	1	1	0	100.00%			2.1968E-05	2.1968E-05	0.00002197	2.1968E-05			NDD
INT-5	Chlorinated Ethanes	moles/L	1	1	0	100.00%			1.73843E-07	9.05591E-08	9.056E-08	1.73843E-07			NDD
INT-5	Chlorinated Ethenes	moles/L	1	1	0	100.00%			4.98065E-08	4.98065E-08	4.981E-08	4.98065E-08			NDD
MW-1	Chlorinated Ethanes	moles/L	2	0	2	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08		0	0.00%	NDD

Table 1
Descriptive Statistics
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

sys_loc_code	chemical_name	Units	N	Num Detects	Num ND	Percent Detects	Min RL	Max RL	Min Detect	Median	Mean	Max Detect	SD	CV	Distribution
MW-1	Chlorinated Ethenes	moles/L	2	0	2	0.00%	3.39277E-08	3.39277E-08		1.69638E-08	1.696E-08		0	0.00%	NDD
MW-10	Chlorinated Ethanes	moles/L	24	1	23	4.17%	8.6837E-08	4.34185E-07	1.51831E-07	1.08546E-07	1.065E-07	1.51831E-07	2.801E-08	26.29%	NDD
MW-10	Chlorinated Ethenes	moles/L	24	19	5	79.17%	1.35711E-07	3.39277E-07	9.08246E-08	3.43028E-07	7.389E-07	3.16607E-06	8.901E-07	120.46%	Lognormal
MW-100A	Chlorinated Ethanes	moles/L	2	0	2	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08		0	0.00%	NDD
MW-100A	Chlorinated Ethenes	moles/L	2	2	0	100.00%			7.10641E-08	2.82797E-07	2.828E-07	5.10141E-07	3.161E-07	111.79%	NDD
MW-11A	Chlorinated Ethanes	moles/L	30	5	25	16.67%	2.17092E-07	5.6444E-07	8.27949E-08	2.17092E-07	2.106E-07	4.69452E-07	7.666E-08	36.40%	NDD
MW-11A	Chlorinated Ethenes	moles/L	30	30	0	100.00%			3.71991E-06	6.55542E-06	0.000006481	1.17455E-05	0.00000172	26.54%	Normal
MW-13	Chlorinated Ethanes	moles/L	1	0	1	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08				NDD
MW-13	Chlorinated Ethenes	moles/L	1	0	1	0.00%	3.39277E-08	3.39277E-08		1.69638E-08	1.696E-08				NDD
MW-13A	Chlorinated Ethanes	moles/L	1	0	1	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08				NDD
MW-13A	Chlorinated Ethenes	moles/L	1	1	0	100.00%			3.38245E-08	2.20185E-08	2.202E-08	3.38245E-08			NDD
MW-14	Chlorinated Ethanes	moles/L	32	2	30	6.25%	4.34185E-08	4.34185E-07	7.56203E-08	1.08546E-07	1.317E-07	1.73251E-07	6.839E-08	51.93%	NDD
MW-14	Chlorinated Ethenes	moles/L	32	32	0	100.00%			1.57058E-06	4.22123E-06	0.000004541	9.72048E-06	0.000002093	46.08%	Lognormal
MW-14A	Chlorinated Ethanes	moles/L	30	0	30	0.00%	4.34185E-08	2.17092E-07		1.08546E-07	9.407E-08		3.292E-08	34.99%	NDD
MW-14A	Chlorinated Ethenes	moles/L	30	28	2	93.33%	1.69638E-07	1.69638E-07	3.87278E-08	3.85689E-07	5.703E-07	2.58459E-06	5.926E-07	103.91%	Lognormal
MW-15A	Chlorinated Ethanes	moles/L	1	0	1	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08				NDD
MW-15A	Chlorinated Ethenes	moles/L	1	1	0	100.00%			7.81746E-08	7.01744E-08	7.017E-08	7.81746E-08			NDD
MW-16A	Chlorinated Ethanes	moles/L	32	32	0	100.00%			8.01414E-07	2.11547E-06	0.000003122	8.03011E-06	0.000002057	65.90%	Lognormal
MW-16A	Chlorinated Ethenes	moles/L	32	32	0	100.00%			5.39731E-06	1.24608E-05	0.00001334	3.53387E-05	0.00000705	52.84%	Lognormal
MW-16R	Chlorinated Ethanes	moles/L	32	32	0	100.00%			1.24444E-06	4.93095E-06	0.000005958	2.04545E-05	0.0000048	80.56%	Lognormal
MW-16R	Chlorinated Ethenes	moles/L	32	17	15	53.13%	1.35711E-07	8.48192E-07	4.74988E-08	2.28677E-07	0.00001055	0.000128416	0.00002555	242.22%	GammaHW
MW-17A	Chlorinated Ethanes	moles/L	1	0	1	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08				NDD
MW-17A	Chlorinated Ethenes	moles/L	1	1	0	100.00%			1.07579E-07	9.95791E-08	9.958E-08	1.07579E-07			NDD
MW-18	Chlorinated Ethanes	moles/L	30	0	30	0.00%	4.34185E-08	2.17092E-07		1.08546E-07	9.407E-08		3.292E-08	34.99%	NDD
MW-18	Chlorinated Ethenes	moles/L	30	0	30	0.00%	3.39277E-08	1.69638E-07		8.48192E-08	7.351E-08		2.572E-08	34.99%	NDD
MW-18A	Chlorinated Ethanes	moles/L	32	4	28	12.50%	1.73674E-07	2.17092E-07	1.69847E-07	1.08546E-07	1.077E-07	2.35282E-07	1.438E-08	13.35%	NDD
MW-18A	Chlorinated Ethenes	moles/L	32	32	0	100.00%			3.39796E-07	1.73274E-06	0.000001605	3.74217E-06	9.329E-07	58.11%	Normal
MW-19	Chlorinated Ethanes	moles/L	15	0	15	0.00%	4.34185E-08	2.17092E-07		1.08546E-07	7.96E-08		4.237E-08	53.23%	NDD
MW-19	Chlorinated Ethenes	moles/L	15	15	0	100.00%			1.41948E-07	2.64967E-07	3.024E-07	6.70983E-07	1.494E-07	49.39%	Lognormal
MW-1A	Chlorinated Ethanes	moles/L	20	0	20	0.00%	4.34185E-08	2.17092E-07		1.08546E-07	9.552E-08		3.181E-08	33.30%	NDD
MW-1A	Chlorinated Ethenes	moles/L	20	3	17	15.00%	3.39277E-08	1.69638E-07	1.91301E-07	8.48192E-08	1.486E-07	1.4569E-06	3.096E-07	208.31%	NDD
MW-2	Chlorinated Ethanes	moles/L	4	0	4	0.00%	4.34185E-07	8.6837E-07		3.25639E-07	3.256E-07		1.253E-07	38.49%	NDD
MW-2	Chlorinated Ethenes	moles/L	4	4	0	100.00%			6.26491E-06	7.46802E-06	0.000007723	9.93055E-06	0.000001502	19.45%	Normal
MW-20	Chlorinated Ethanes	moles/L	1	0	1	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08				NDD
MW-20	Chlorinated Ethenes	moles/L	1	0	1	0.00%	3.39277E-08	3.39277E-08		1.69638E-08	1.696E-08				NDD
MW-21	Chlorinated Ethanes	moles/L	1	0	1	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08				NDD
MW-21	Chlorinated Ethenes	moles/L	1	1	0	100.00%			4.3528E-08	3.45644E-08	3.456E-08	4.3528E-08			NDD
MW-21A	Chlorinated Ethanes	moles/L	2	0	2	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08		0	0.00%	NDD
MW-21A	Chlorinated Ethenes	moles/L	2	0	2	0.00%	3.39277E-08	3.39277E-08		1.69638E-08	1.696E-08		0	0.00%	NDD

Table 1
Descriptive Statistics
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

sys_loc_code	chemical_name	Units	N	Num Detects	Num ND	Percent Detects	Min RL	Max RL	Min Detect	Median	Mean	Max Detect	SD	CV	Distribution
MW-22	Chlorinated Ethanes	moles/L	29	0	29	0.00%	4.34185E-08	2.17092E-07		1.08546E-07	9.357E-08		3.338E-08	35.67%	NDD
MW-22	Chlorinated Ethenes	moles/L	29	14	15	48.28%	3.39277E-08	1.69638E-07	4.03279E-08	8.48192E-08	4.007E-07	2.53053E-06	6.304E-07	157.34%	GammaHW
MW-22A	Chlorinated Ethanes	moles/L	30	0	30	0.00%	4.34185E-08	2.17092E-07		1.08546E-07	9.407E-08		3.292E-08	34.99%	NDD
MW-22A	Chlorinated Ethenes	moles/L	30	15	15	50.00%	3.39277E-08	1.69638E-07	3.55277E-08	8.48192E-08	0.000000196	7.45017E-07	2.008E-07	102.42%	GammaHW
MW-23	Chlorinated Ethanes	moles/L	20	0	20	0.00%	4.34185E-08	2.17092E-07		1.08546E-07	8.25E-08		4.083E-08	49.49%	NDD
MW-23	Chlorinated Ethenes	moles/L	20	1	19	5.00%	3.39277E-08	1.69638E-07	3.03503E-08	8.48192E-08	6.447E-08	3.03503E-08	3.189E-08	49.45%	NDD
MW-24	Chlorinated Ethanes	moles/L	32	32	0	100.00%			2.95086E-07	3.97485E-06	0.000004359	1.12022E-05	0.000003193	73.25%	GammaHW
MW-24	Chlorinated Ethenes	moles/L	32	16	16	50.00%	1.69638E-07	1.69638E-06	3.46247E-08	8.48192E-07	0.00001499	9.10355E-05	0.00002652	176.92%	GammaHW
MW-24A	Chlorinated Ethanes	moles/L	33	33	0	100.00%			4.22527E-07	8.57168E-07	0.000001066	5.83219E-06	9.532E-07	89.43%	GammaHW
MW-24A	Chlorinated Ethenes	moles/L	33	24	9	72.73%	1.69638E-07	3.39277E-07	4.83281E-08	1.78778E-07	0.000002216	2.73342E-05	0.000005522	249.20%	GammaHW
MW-25	Chlorinated Ethanes	moles/L	28	0	28	0.00%	4.34185E-08	2.17092E-07		1.08546E-07	8.374E-08		3.995E-08	47.71%	NDD
MW-25	Chlorinated Ethenes	moles/L	28	1	27	3.57%	3.39277E-08	1.69638E-07	1.77556E-07	8.48192E-08	6.806E-08	1.77556E-07	3.57E-08	52.45%	NDD
MW-25A	Chlorinated Ethanes	moles/L	28	1	27	3.57%	4.34185E-08	2.17092E-07	3.75575E-08	1.08546E-07	8.371E-08	3.75575E-08	0.000000004	47.78%	NDD
MW-25A	Chlorinated Ethenes	moles/L	28	16	12	57.14%	3.39277E-08	1.69638E-07	5.94231E-08	1.10714E-07	3.669E-07	2.31326E-06	5.601E-07	152.67%	Lognormal
MW-26	Chlorinated Ethanes	moles/L	28	1	27	3.57%	4.34185E-08	2.17092E-07	1.70003E-07	1.08546E-07	8.528E-08	1.70003E-07	3.78E-08	44.32%	NDD
MW-26	Chlorinated Ethenes	moles/L	28	8	20	28.57%	3.39277E-08	1.69638E-07	2.8985E-07	8.48192E-08	3.123E-07	2.20547E-06	5.686E-07	182.04%	GammaHW
MW-26A	Chlorinated Ethanes	moles/L	28	0	28	0.00%	4.34185E-08	1.08546E-06		1.08546E-07	1.814E-07		1.864E-07	102.74%	NDD
MW-26A	Chlorinated Ethenes	moles/L	28	25	3	89.29%	3.39277E-08	1.69638E-07	3.49592E-08	2.11307E-06	0.000006101	2.15802E-05	0.000007121	116.72%	GammaHW
MW-27	Chlorinated Ethanes	moles/L	27	0	27	0.00%	4.34185E-08	2.17092E-07		1.08546E-07	8.282E-08		4.041E-08	48.79%	NDD
MW-27	Chlorinated Ethenes	moles/L	27	1	26	3.70%	3.39277E-08	1.69638E-07	7.53678E-08	8.48192E-08	6.366E-08	7.53678E-08	3.135E-08	49.25%	NDD
MW-27A	Chlorinated Ethanes	moles/L	27	0	27	0.00%	4.34185E-08	2.17092E-07		1.08546E-07	8.282E-08		4.041E-08	48.79%	NDD
MW-27A	Chlorinated Ethenes	moles/L	27	0	27	0.00%	3.39277E-08	1.69638E-07		8.48192E-08	6.471E-08		3.157E-08	48.79%	NDD
MW-28	Chlorinated Ethanes	moles/L	27	1	26	3.70%	4.34185E-08	2.17092E-07	1.69331E-07	1.08546E-07	0.000000082	1.69331E-07	4.009E-08	48.89%	NDD
MW-28	Chlorinated Ethenes	moles/L	27	27	0	100.00%			2.19154E-07	4.61341E-07	4.375E-07	6.89309E-07	1.423E-07	32.52%	Normal
MW-28A	Chlorinated Ethanes	moles/L	27	0	27	0.00%	4.34185E-08	2.17092E-07		1.08546E-07	8.282E-08		4.041E-08	48.79%	NDD
MW-28A	Chlorinated Ethenes	moles/L	27	12	15	44.44%	3.39277E-08	1.69638E-07	3.87278E-08	8.48192E-08	1.153E-07	3.75537E-07	9.276E-08	80.45%	GammaHW
MW-29	Chlorinated Ethanes	moles/L	15	0	15	0.00%	4.34185E-08	2.17092E-07		2.17092E-08	6.223E-08		4.484E-08	72.06%	NDD
MW-29	Chlorinated Ethenes	moles/L	15	5	10	33.33%	3.39277E-08	1.69638E-07	3.28961E-08	3.51094E-08	5.263E-08	4.31096E-08	3.165E-08	60.14%	NDD
MW-29A	Chlorinated Ethanes	moles/L	27	0	27	0.00%	4.34185E-08	2.17092E-07		1.08546E-07	8.282E-08		4.041E-08	48.79%	NDD
MW-29A	Chlorinated Ethenes	moles/L	27	0	27	0.00%	3.39277E-08	1.69638E-07		8.48192E-08	6.471E-08		3.157E-08	48.79%	NDD
MW-2A	Chlorinated Ethanes	moles/L	17	1	16	5.88%	4.34185E-08	1.08546E-06	1.47885E-07	1.08546E-07	1.568E-07	1.47885E-07	1.549E-07	98.81%	NDD
MW-2A	Chlorinated Ethenes	moles/L	17	17	0	100.00%			2.73135E-07	1.9354E-06	0.000002652	6.72487E-06	0.000002275	85.78%	Lognormal
MW-2D	Chlorinated Ethanes	moles/L	2	0	2	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08		0	0.00%	NDD
MW-2D	Chlorinated Ethenes	moles/L	2	1	1	50.00%	3.39277E-08	3.39277E-08	8.19292E-08	4.49647E-08	4.496E-08	8.19292E-08	3.96E-08	88.07%	NDD
MW-3	Chlorinated Ethanes	moles/L	16	0	16	0.00%	4.34185E-08	2.17092E-07		1.08546E-07	9.226E-08		3.501E-08	37.94%	NDD
MW-3	Chlorinated Ethenes	moles/L	16	0	16	0.00%	3.39277E-08	1.69638E-07		8.48192E-08	7.21E-08		2.735E-08	37.94%	NDD
MW-30A	Chlorinated Ethanes	moles/L	6	0	6	0.00%	4.34185E-08	2.17092E-07		2.17092E-08	3.618E-08		3.545E-08	97.98%	NDD
MW-30A	Chlorinated Ethenes	moles/L	6	0	6	0.00%	3.39277E-08	1.69638E-07		1.69638E-08	2.827E-08		2.77E-08	97.98%	NDD
MW-31	Chlorinated Ethanes	moles/L	7	0	7	0.00%	4.34185E-08	2.17092E-07		2.17092E-08	3.411E-08		3.282E-08	96.21%	NDD

Table 1
Descriptive Statistics
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

sys_loc_code	chemical_name	Units	N	Num Detects	Num ND	Percent Detects	Min RL	Max RL	Min Detect	Median	Mean	Max Detect	SD	CV	Distribution
MW-31	Chlorinated Ethenes	moles/L	7	1	6	14.29%	3.39277E-08	1.69638E-07	3.2786E-08	1.69638E-08	2.704E-08	3.2786E-08	2.55E-08	94.31%	NDD
MW-31A	Chlorinated Ethanes	moles/L	5	0	5	0.00%	1.73674E-07	2.17092E-07		8.6837E-08	9.118E-08		9.709E-09	10.65%	NDD
MW-31A	Chlorinated Ethenes	moles/L	5	5	0	100.00%			1.74495E-06	2.11036E-06	0.000002139	2.67336E-06	3.623E-07	16.94%	Normal
MW-31D	Chlorinated Ethanes	moles/L	3	0	3	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08		0	0.00%	NDD
MW-31D	Chlorinated Ethenes	moles/L	3	0	3	0.00%	3.39277E-08	3.39277E-08		1.69638E-08	1.696E-08		0	0.00%	NDD
MW-33	Chlorinated Ethanes	moles/L	3	0	3	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08		0	0.00%	NDD
MW-33	Chlorinated Ethenes	moles/L	3	0	3	0.00%	3.39277E-08	3.39277E-08		1.69638E-08	1.696E-08		0	0.00%	NDD
MW-33A	Chlorinated Ethanes	moles/L	5	0	5	0.00%	4.34185E-08	1.73674E-07		2.17092E-08	3.473E-08		2.913E-08	83.85%	NDD
MW-33A	Chlorinated Ethenes	moles/L	5	5	0	100.00%			3.49592E-08	3.41285E-07	7.047E-07	2.59008E-06	0.000001062	150.64%	Lognormal
MW-34	Chlorinated Ethanes	moles/L	5	0	5	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08		0	0.00%	NDD
MW-34	Chlorinated Ethenes	moles/L	5	0	5	0.00%	3.39277E-08	3.39277E-08		1.69638E-08	1.696E-08		0	0.00%	NDD
MW-34A	Chlorinated Ethanes	moles/L	5	0	5	0.00%	1.73674E-07	2.17092E-07		1.08546E-07	1.042E-07		9.709E-09	9.32%	NDD
MW-34A	Chlorinated Ethenes	moles/L	5	5	0	100.00%			2.98726E-06	3.9585E-06	0.000003927	4.77002E-06	6.738E-07	17.16%	Normal
MW-35A	Chlorinated Ethanes	moles/L	5	0	5	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08		0	0.00%	NDD
MW-35A	Chlorinated Ethenes	moles/L	5	0	5	0.00%	3.39277E-08	3.39277E-08		1.69638E-08	1.696E-08		0	0.00%	NDD
MW-36	Chlorinated Ethanes	moles/L	5	0	5	0.00%	4.34185E-08	2.17092E-07		4.34185E-08	6.079E-08		3.567E-08	58.68%	Normal
MW-36	Chlorinated Ethenes	moles/L	5	5	0	100.00%			4.14503E-07	1.34731E-06	0.000001507	2.88562E-06	9.883E-07	65.58%	Normal
MW-37	Chlorinated Ethanes	moles/L	1	0	1	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08				NDD
MW-37	Chlorinated Ethenes	moles/L	1	0	1	0.00%	3.39277E-08	3.39277E-08		1.69638E-08	1.696E-08				NDD
MW-37A	Chlorinated Ethanes	moles/L	4	0	4	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08		0	0.00%	NDD
MW-37A	Chlorinated Ethenes	moles/L	4	0	4	0.00%	3.39277E-08	3.39277E-08		1.69638E-08	1.696E-08		0	0.00%	NDD

Table 1
Descriptive Statistics
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

sys_loc_code	chemical_name	Units	N	Num Detects	Num ND	Percent Detects	Min RL	Max RL	Min Detect	Median	Mean	Max Detect	SD	CV	Distribution
MW-38	Chlorinated Ethanes	moles/L	2	0	2	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08		0	0.00%	NDD
MW-38	Chlorinated Ethenes	moles/L	2	0	2	0.00%	3.39277E-08	3.39277E-08		1.69638E-08	1.696E-08		0	0.00%	NDD
MW-38A	Chlorinated Ethanes	moles/L	4	0	4	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08		0	0.00%	NDD
MW-38A	Chlorinated Ethenes	moles/L	4	0	4	0.00%	3.39277E-08	3.39277E-08		1.69638E-08	1.696E-08		0	0.00%	NDD
MW-39	Chlorinated Ethanes	moles/L	2	0	2	0.00%	8.6837E-08	8.6837E-08		4.34185E-08	4.342E-08		0	0.00%	NDD
MW-39	Chlorinated Ethenes	moles/L	2	2	0	100.00%			7.1935E-07	7.15088E-07	7.151E-07	7.42826E-07	1.66E-08	2.32%	NDD
MW-4	Chlorinated Ethanes	moles/L	1	0	1	0.00%	1.73674E-07	1.73674E-07		8.6837E-08	8.684E-08				NDD
MW-4	Chlorinated Ethenes	moles/L	1	1	0	100.00%			9.24781E-07	9.09558E-07	9.096E-07	9.24781E-07			NDD
MW-41	Chlorinated Ethanes	moles/L	1	0	1	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08				NDD
MW-41	Chlorinated Ethenes	moles/L	1	0	1	0.00%	3.39277E-08	3.39277E-08		1.69638E-08	1.696E-08				NDD
MW-5	Chlorinated Ethanes	moles/L	28	0	28	0.00%	4.34185E-08	2.17092E-07		1.08546E-07	9.614E-08		3.094E-08	32.19%	NDD
MW-5	Chlorinated Ethenes	moles/L	28	3	25	10.71%	3.39277E-08	1.69638E-07	3.26476E-08	8.48192E-08	7.851E-08	2.0644E-07	2.785E-08	35.47%	NDD
MW-5A	Chlorinated Ethanes	moles/L	30	0	30	0.00%	4.34185E-08	2.17092E-07		1.08546E-07	9.407E-08		3.292E-08	34.99%	NDD
MW-5A	Chlorinated Ethenes	moles/L	30	15	15	50.00%	3.39277E-08	1.69638E-07	4.50125E-08	8.48192E-08	1.547E-07	4.06484E-07	1.148E-07	74.23%	GammaHW
MW-6	Chlorinated Ethanes	moles/L	28	1	27	3.57%	4.34185E-08	2.17092E-07	1.71703E-07	1.08546E-07	1.001E-07	1.71703E-07	2.071E-08	20.69%	NDD
MW-6	Chlorinated Ethenes	moles/L	28	28	0	100.00%			6.39774E-07	2.03357E-06	0.000002069	3.31107E-06	6.394E-07	30.91%	Normal
MW-6A	Chlorinated Ethanes	moles/L	31	10	21	32.26%	2.17092E-07	1.08546E-06	3.44864E-07	2.8222E-07	2.929E-07	5.55446E-07	0.000000105	35.86%	GammaHW
MW-6A	Chlorinated Ethenes	moles/L	31	31	0	100.00%			2.19512E-06	7.86691E-06	0.000007995	1.51059E-05	0.000002977	37.23%	Normal
MW-7	Chlorinated Ethanes	moles/L	1	0	1	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08				NDD
MW-7	Chlorinated Ethenes	moles/L	1	1	0	100.00%			3.69389E-07	3.65583E-07	3.656E-07	3.69389E-07			NDD
MW-9	Chlorinated Ethanes	moles/L	1	0	1	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08				NDD
MW-9	Chlorinated Ethenes	moles/L	1	1	0	100.00%			1.48285E-07	1.44479E-07	1.445E-07	1.48285E-07			NDD
MW-9A	Chlorinated Ethanes	moles/L	1	0	1	0.00%	4.34185E-08	4.34185E-08		2.17092E-08	2.171E-08				NDD
MW-9A	Chlorinated Ethenes	moles/L	1	0	1	0.00%	3.39277E-08	3.39277E-08		1.69638E-08	1.696E-08				NDD

Notes

Data date range: 2008-03-31 to 2021-10-27

Non-detects were substituted with a value of half the reporting limit for calculations

N: number of data points

Num ND: number of non-detected data points

Min RL: The minimum reporting limit value

Max RL: The maximum reporting limit value

SD: Standard Deviation

CV: Coefficient of Variation (standard deviation divided by the mean)

Normal: the data fit a normal distribution

Lognormal: the data fit a lognormal distribution

NDD: No discernible distribution

GammaHW or GammaWH: the data fit one of the particular gamma distributions

Table 2
Mann Kendall Test for Trends
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

sys_loc_code	chemical_name	N	Num Detects	Percent Detects	Meet Data Reqs	p-value	tau2	tau	Trend
INT-1	Chlorinated Ethanes	1	0	0.00%	No				
INT-1	Chlorinated Ethenes	1	0	0.00%	No				
INT-10	Chlorinated Ethanes	6	0	0.00%	No				
INT-10	Chlorinated Ethenes	6	6	100.00%	Yes	0.136	0.36	0.6	Stable
INT-10A	Chlorinated Ethanes	13	3	23.08%	No				
INT-10A	Chlorinated Ethenes	13	13	100.00%	Yes	0.204	0.0796	-0.282	Stable
INT-11	Chlorinated Ethanes	12	1	8.33%	No				
INT-11	Chlorinated Ethenes	12	12	100.00%	Yes	0.197	0.0918	-0.303	Stable
INT-11A	Chlorinated Ethanes	13	4	30.77%	No				
INT-11A	Chlorinated Ethenes	13	13	100.00%	Yes	0.0305	0.213	0.462	Increasing
INT-12	Chlorinated Ethanes	9	9	100.00%	Yes	0.00465	0.579	-0.761	Decreasing
INT-12	Chlorinated Ethenes	9	9	100.00%	Yes	0.00243	0.605	-0.778	Decreasing
INT-13	Chlorinated Ethanes	12	12	100.00%	Yes	0.638	0.0147	0.121	Stable
INT-13	Chlorinated Ethenes	12	12	100.00%	Yes	0.116	0.132	0.364	Stable
INT-14	Chlorinated Ethanes	4	0	0.00%	No				
INT-14	Chlorinated Ethenes	4	4	100.00%	No				
INT-15	Chlorinated Ethanes	3	0	0.00%	No				
INT-15	Chlorinated Ethenes	3	3	100.00%	No				
INT-16	Chlorinated Ethanes	4	0	0.00%	No				
INT-16	Chlorinated Ethenes	4	4	100.00%	No				
INT-17	Chlorinated Ethanes	3	1	33.33%	No				
INT-17	Chlorinated Ethenes	3	3	100.00%	No				
INT-18	Chlorinated Ethanes	3	0	0.00%	No				
INT-18	Chlorinated Ethenes	3	3	100.00%	No				
INT-19	Chlorinated Ethanes	3	0	0.00%	No				
INT-19	Chlorinated Ethenes	3	3	100.00%	No				
INT-2	Chlorinated Ethanes	1	0	0.00%	No				
INT-2	Chlorinated Ethenes	1	1	100.00%	No				
INT-2A	Chlorinated Ethanes	14	1	7.14%	No				
INT-2A	Chlorinated Ethenes	14	14	100.00%	Yes	0.279	0.0533	0.231	Stable
INT-2R	Chlorinated Ethanes	9	0	0.00%	No				
INT-2R	Chlorinated Ethenes	9	9	100.00%	Yes	0.00589	0.522	-0.722	Decreasing
INT-3	Chlorinated Ethanes	1	1	100.00%	No				
INT-3	Chlorinated Ethenes	1	1	100.00%	No				
INT-4	Chlorinated Ethanes	1	1	100.00%	No				
INT-4	Chlorinated Ethenes	1	1	100.00%	No				
INT-5	Chlorinated Ethanes	1	1	100.00%	No				
INT-5	Chlorinated Ethenes	1	1	100.00%	No				
MW-1	Chlorinated Ethanes	2	0	0.00%	No				

Table 2
Mann Kendall Test for Trends
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

sys_loc_code	chemical_name	N	Num Detects	Percent Detects	Meet Data Reqs	p-value	tau2	tau	Trend
MW-1	Chlorinated Ethenes	2	0	0.00%	No				
MW-10	Chlorinated Ethanes	24	1	4.17%	No				
MW-10	Chlorinated Ethenes	24	19	79.17%	Yes	0.0866	0.0632	-0.251	Stable
MW-100A	Chlorinated Ethanes	2	0	0.00%	No				
MW-100A	Chlorinated Ethenes	2	2	100.00%	No				
MW-11A	Chlorinated Ethanes	30	5	16.67%	No				
MW-11A	Chlorinated Ethenes	30	30	100.00%	Yes	0.0037	0.137	-0.37	Decreasing
MW-13	Chlorinated Ethanes	1	0	0.00%	No				
MW-13	Chlorinated Ethenes	1	0	0.00%	No				
MW-13A	Chlorinated Ethanes	1	0	0.00%	No				
MW-13A	Chlorinated Ethenes	1	1	100.00%	No				
MW-14	Chlorinated Ethanes	32	2	6.25%	No				
MW-14	Chlorinated Ethenes	32	32	100.00%	Yes	0.393	0.0119	-0.109	Stable
MW-14A	Chlorinated Ethanes	30	0	0.00%	No				
MW-14A	Chlorinated Ethenes	30	28	93.33%	Yes	0.0112	0.107	-0.328	Decreasing
MW-15A	Chlorinated Ethanes	1	0	0.00%	No				
MW-15A	Chlorinated Ethenes	1	1	100.00%	No				
MW-16A	Chlorinated Ethanes	32	32	100.00%	Yes	0.86	0.000585	-0.0242	Stable
MW-16A	Chlorinated Ethenes	32	32	100.00%	Yes	0.0213	0.082	-0.286	Decreasing
MW-16R	Chlorinated Ethanes	32	32	100.00%	Yes	<0.001	0.331	-0.575	Decreasing
MW-16R	Chlorinated Ethenes	32	17	53.13%	Yes	0.111	0.0407	-0.202	Stable
MW-17A	Chlorinated Ethanes	1	0	0.00%	No				
MW-17A	Chlorinated Ethenes	1	1	100.00%	No				
MW-18	Chlorinated Ethanes	30	0	0.00%	No				
MW-18	Chlorinated Ethenes	30	0	0.00%	No				
MW-18A	Chlorinated Ethanes	32	4	12.50%	No				
MW-18A	Chlorinated Ethenes	32	32	100.00%	Yes	0.711	0.00234	0.0484	Stable
MW-19	Chlorinated Ethanes	15	0	0.00%	No				
MW-19	Chlorinated Ethenes	15	15	100.00%	Yes	0.00194	0.338	-0.581	Decreasing
MW-1A	Chlorinated Ethanes	20	0	0.00%	No				
MW-1A	Chlorinated Ethenes	20	3	15.00%	No				
MW-2	Chlorinated Ethanes	4	0	0.00%	No				
MW-2	Chlorinated Ethenes	4	4	100.00%	No				
MW-20	Chlorinated Ethanes	1	0	0.00%	No				
MW-20	Chlorinated Ethenes	1	0	0.00%	No				
MW-21	Chlorinated Ethanes	1	0	0.00%	No				
MW-21	Chlorinated Ethenes	1	1	100.00%	No				
MW-21A	Chlorinated Ethanes	2	0	0.00%	No				
MW-21A	Chlorinated Ethenes	2	0	0.00%	No				

Table 2
Mann Kendall Test for Trends
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

sys_loc_code	chemical_name	N	Num Detects	Percent Detects	Meet Data Reqs	p-value	tau2	tau	Trend
MW-22	Chlorinated Ethanes	29	0	0.00%	No				
MW-22	Chlorinated Ethenes	29	14	48.28%	No				
MW-22A	Chlorinated Ethanes	30	0	0.00%	No				
MW-22A	Chlorinated Ethenes	30	15	50.00%	Yes	0.0059	0.138	-0.372	Decreasing
MW-23	Chlorinated Ethanes	20	0	0.00%	No				
MW-23	Chlorinated Ethenes	20	1	5.00%	No				
MW-24	Chlorinated Ethanes	32	32	100.00%	Yes	<0.001	0.366	-0.605	Decreasing
MW-24	Chlorinated Ethenes	32	16	50.00%	Yes	<0.001	0.467	-0.683	Decreasing
MW-24A	Chlorinated Ethanes	33	33	100.00%	Yes	0.569	0.00518	0.072	Stable
MW-24A	Chlorinated Ethenes	33	24	72.73%	Yes	<0.001	0.536	-0.732	Decreasing
MW-25	Chlorinated Ethanes	28	0	0.00%	No				
MW-25	Chlorinated Ethenes	28	1	3.57%	No				
MW-25A	Chlorinated Ethanes	28	1	3.57%	No				
MW-25A	Chlorinated Ethenes	28	16	57.14%	Yes	<0.001	0.238	-0.488	Decreasing
MW-26	Chlorinated Ethanes	28	1	3.57%	No				
MW-26	Chlorinated Ethenes	28	8	28.57%	No				
MW-26A	Chlorinated Ethanes	28	0	0.00%	No				
MW-26A	Chlorinated Ethenes	28	25	89.29%	Yes	<0.001	0.449	-0.67	Decreasing
MW-27	Chlorinated Ethanes	27	0	0.00%	No				
MW-27	Chlorinated Ethenes	27	1	3.70%	No				
MW-27A	Chlorinated Ethanes	27	0	0.00%	No				
MW-27A	Chlorinated Ethenes	27	0	0.00%	No				
MW-28	Chlorinated Ethanes	27	1	3.70%	No				
MW-28	Chlorinated Ethenes	27	27	100.00%	Yes	0.835	0.000814	-0.0285	Stable
MW-28A	Chlorinated Ethanes	27	0	0.00%	No				
MW-28A	Chlorinated Ethenes	27	12	44.44%	No				
MW-29	Chlorinated Ethanes	15	0	0.00%	No				
MW-29	Chlorinated Ethenes	15	5	33.33%	No				
MW-29A	Chlorinated Ethanes	27	0	0.00%	No				
MW-29A	Chlorinated Ethenes	27	0	0.00%	No				
MW-2A	Chlorinated Ethanes	17	1	5.88%	No				
MW-2A	Chlorinated Ethenes	17	17	100.00%	Yes	0.968	0.000216	-0.0147	Stable
MW-2D	Chlorinated Ethanes	2	0	0.00%	No				
MW-2D	Chlorinated Ethenes	2	1	50.00%	No				
MW-3	Chlorinated Ethanes	16	0	0.00%	No				
MW-3	Chlorinated Ethenes	16	0	0.00%	No				
MW-30A	Chlorinated Ethanes	6	0	0.00%	No				
MW-30A	Chlorinated Ethenes	6	0	0.00%	No				
MW-31	Chlorinated Ethanes	7	0	0.00%	No				

Table 2
Mann Kendall Test for Trends
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

sys_loc_code	chemical_name	N	Num Detects	Percent Detects	Meet Data Reqs	p-value	tau2	tau	Trend
MW-31	Chlorinated Ethenes	7	1	14.29%	No				
MW-31A	Chlorinated Ethanes	5	0	0.00%	No				
MW-31A	Chlorinated Ethenes	5	5	100.00%	Yes	0.817	0.04	0.2	Stable
MW-31D	Chlorinated Ethanes	3	0	0.00%	No				
MW-31D	Chlorinated Ethenes	3	0	0.00%	No				
MW-33	Chlorinated Ethanes	3	0	0.00%	No				
MW-33	Chlorinated Ethenes	3	0	0.00%	No				
MW-33A	Chlorinated Ethanes	5	0	0.00%	No				
MW-33A	Chlorinated Ethenes	5	5	100.00%	Yes	0.233	0.36	-0.6	Stable
MW-34	Chlorinated Ethanes	5	0	0.00%	No				
MW-34	Chlorinated Ethenes	5	0	0.00%	No				
MW-34A	Chlorinated Ethanes	5	0	0.00%	No				
MW-34A	Chlorinated Ethenes	5	5	100.00%	Yes	0.483	0.16	-0.4	Stable
MW-35A	Chlorinated Ethanes	5	0	0.00%	No				
MW-35A	Chlorinated Ethenes	5	0	0.00%	No				

Table 2
Mann Kendall Test for Trends
Former Leica Microsystems - Cheektowaga Facility
Cheektowaga, New York

sys_loc_code	chemical_name	N	Num Detects	Percent Detects	Meet Data Reqs	p-value	tau2	tau	Trend
MW-36	Chlorinated Ethanes	5	0	0.00%	No				
MW-36	Chlorinated Ethenes	5	5	100.00%	Yes	1	0	0	Stable
MW-37	Chlorinated Ethanes	1	0	0.00%	No				
MW-37	Chlorinated Ethenes	1	0	0.00%	No				
MW-37A	Chlorinated Ethanes	4	0	0.00%	No				
MW-37A	Chlorinated Ethenes	4	0	0.00%	No				
MW-38	Chlorinated Ethanes	2	0	0.00%	No				
MW-38	Chlorinated Ethenes	2	0	0.00%	No				
MW-38A	Chlorinated Ethanes	4	0	0.00%	No				
MW-38A	Chlorinated Ethenes	4	0	0.00%	No				
MW-39	Chlorinated Ethanes	2	0	0.00%	No				
MW-39	Chlorinated Ethenes	2	2	100.00%	No				
MW-4	Chlorinated Ethanes	1	0	0.00%	No				
MW-4	Chlorinated Ethenes	1	1	100.00%	No				
MW-41	Chlorinated Ethanes	1	0	0.00%	No				
MW-41	Chlorinated Ethenes	1	0	0.00%	No				
MW-5	Chlorinated Ethanes	28	0	0.00%	No				
MW-5	Chlorinated Ethenes	28	3	10.71%	No				
MW-5A	Chlorinated Ethanes	30	0	0.00%	No				
MW-5A	Chlorinated Ethenes	30	15	50.00%	Yes	<0.001	0.487	-0.698	Decreasing
MW-6	Chlorinated Ethanes	28	1	3.57%	No				
MW-6	Chlorinated Ethenes	28	28	100.00%	Yes	0.187	0.0324	0.18	Stable
MW-6A	Chlorinated Ethanes	31	10	32.26%	No				
MW-6A	Chlorinated Ethenes	31	31	100.00%	Yes	0.866	0.00056	0.0237	Stable
MW-7	Chlorinated Ethanes	1	0	0.00%	No				
MW-7	Chlorinated Ethenes	1	1	100.00%	No				
MW-9	Chlorinated Ethanes	1	0	0.00%	No				
MW-9	Chlorinated Ethenes	1	1	100.00%	No				
MW-9A	Chlorinated Ethanes	1	0	0.00%	No				
MW-9A	Chlorinated Ethenes	1	0	0.00%	No				

Notes

Data date range: 2008-03-31 to 2021-10-27

Non-detects were substituted with the reporting limit value for trend analysis

N: number of data points

Meet Data Reqs: trend tests were performed only if the dataset had ≥ 5 detected values and ≥ 50 percent detects.

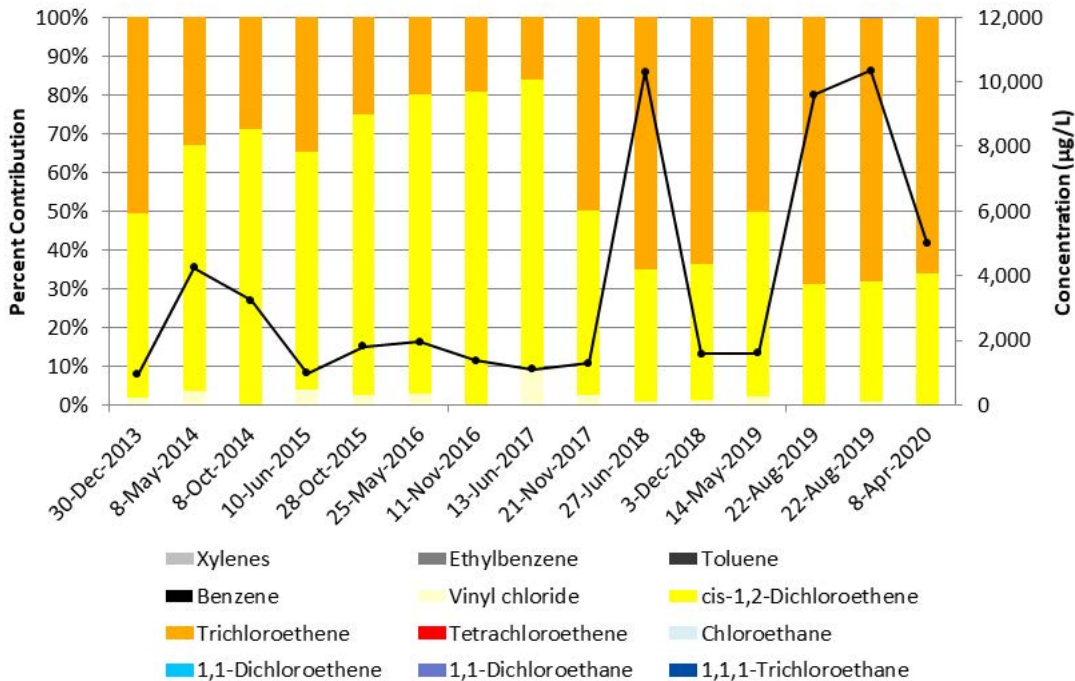
tau2: τ^2 , measure of linear model fit

tau: Kendall's tau statistic

p-value: A two-sided p-value describing the probability of the H_0 being true ($\alpha=0.05$)

APPENDIX A VOC BAR CHARTS

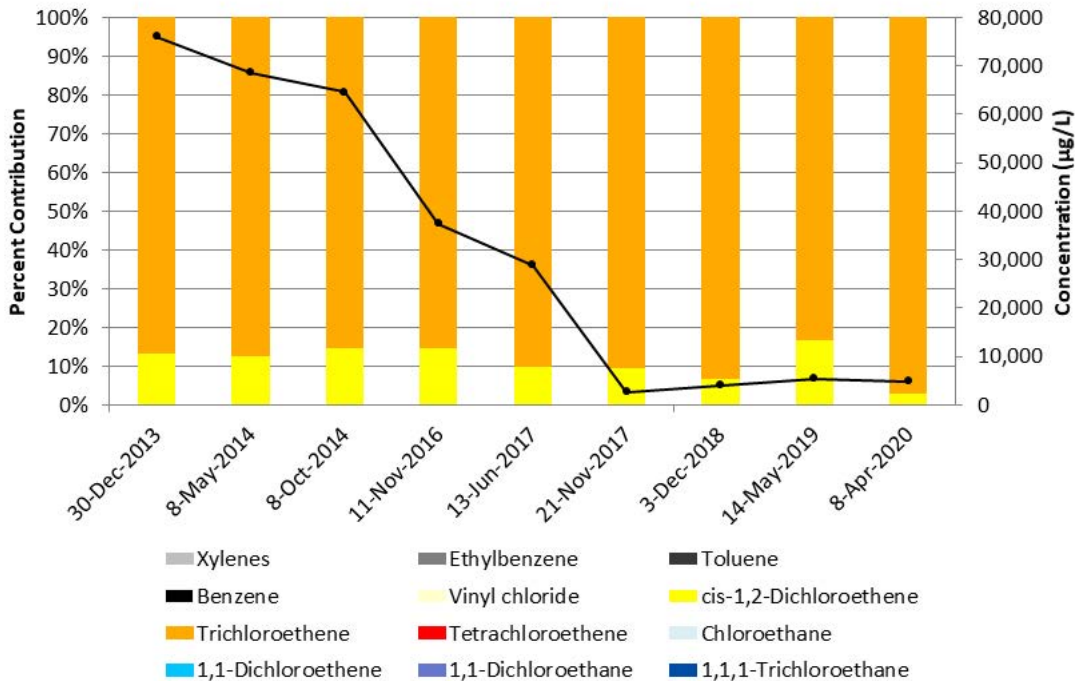
INT-2A



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

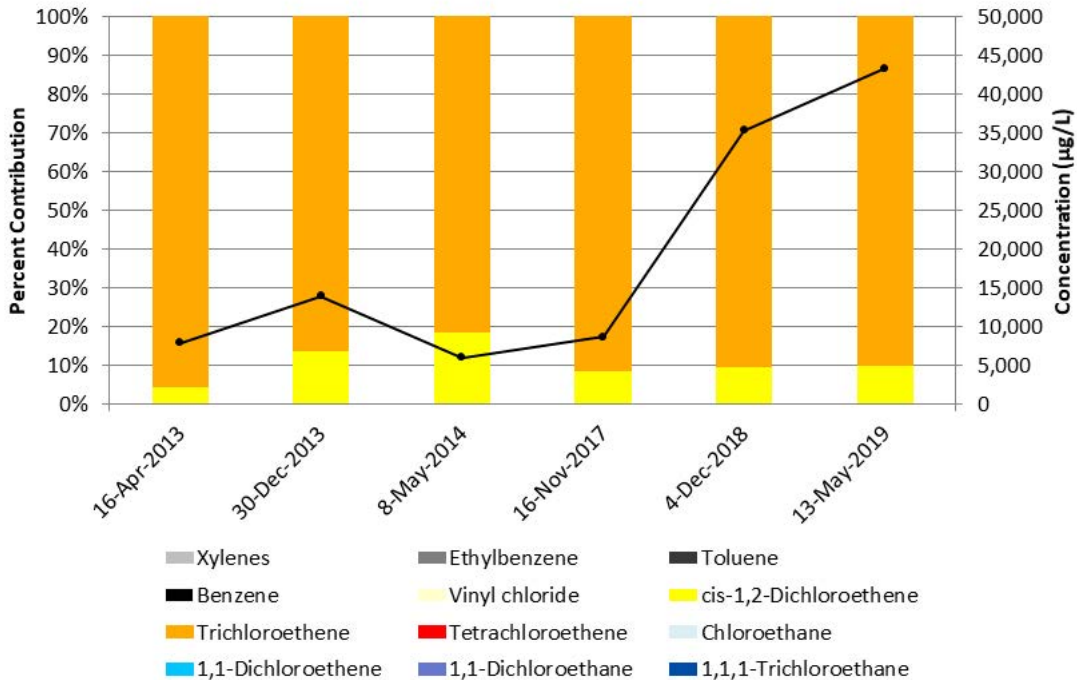
INT-2R



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

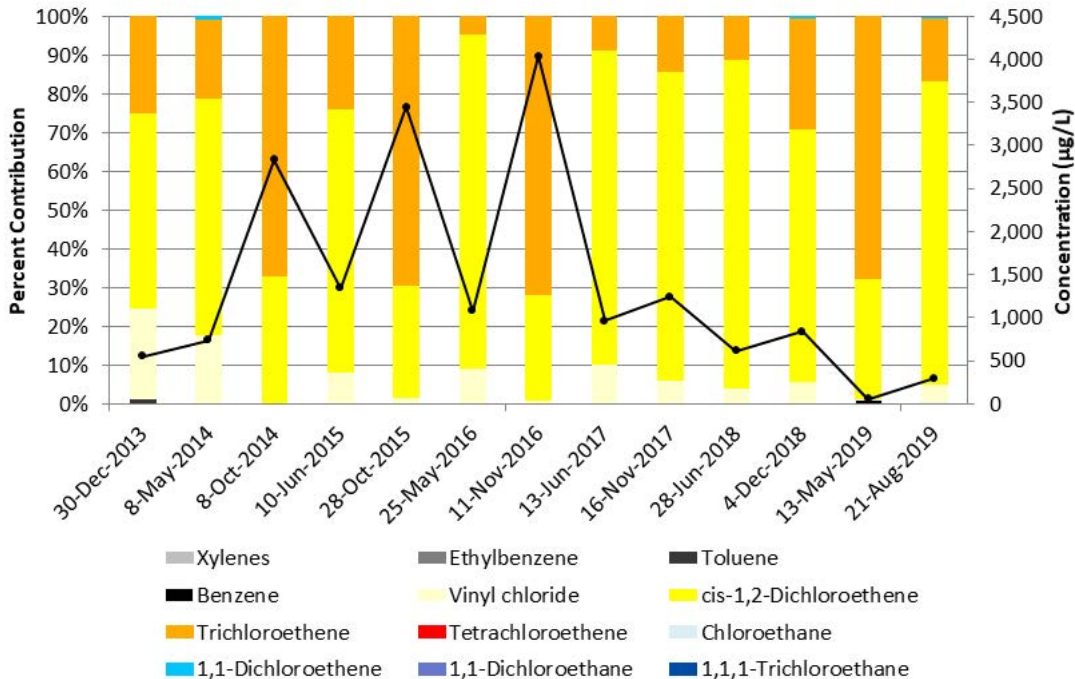
INT-10



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

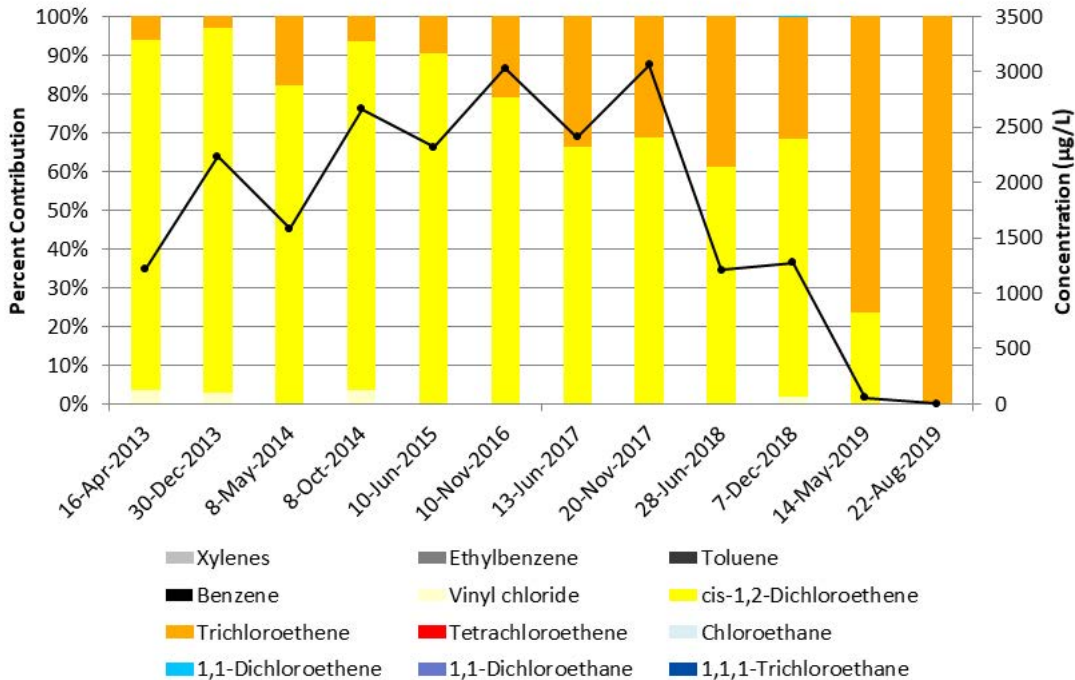
INT-10A



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

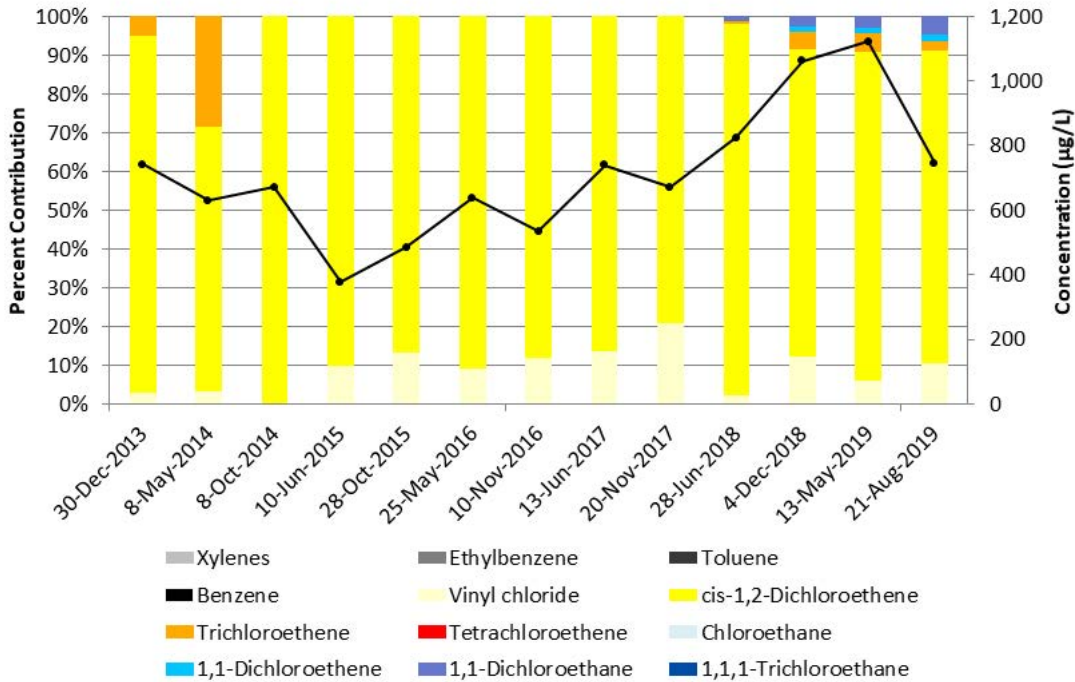
INT-11



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

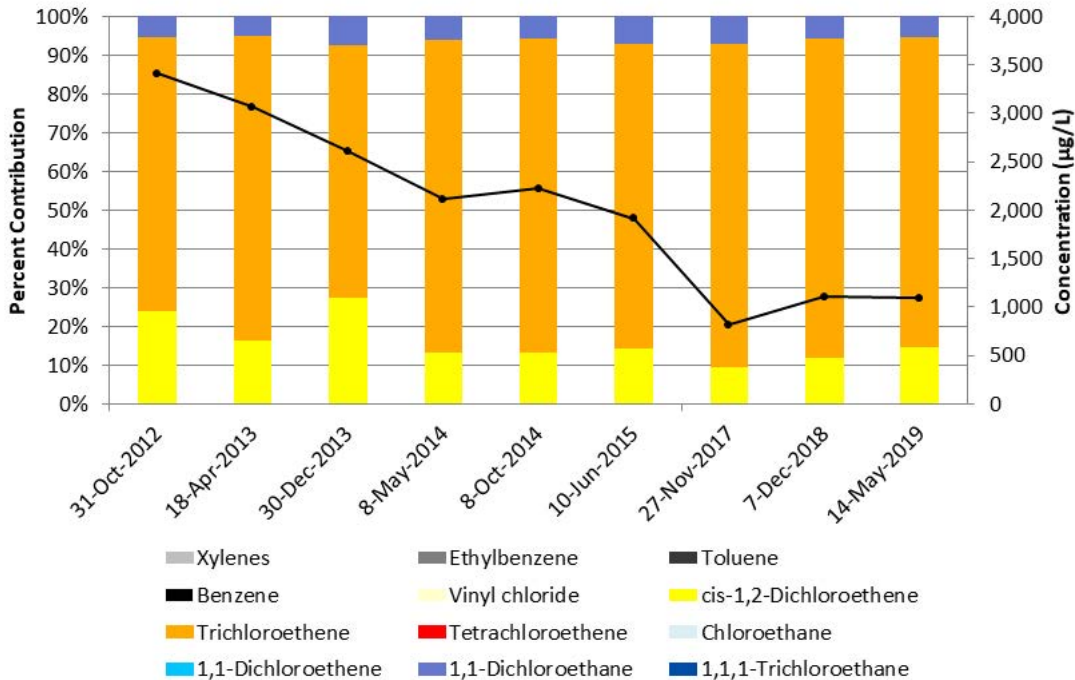
INT-11A



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

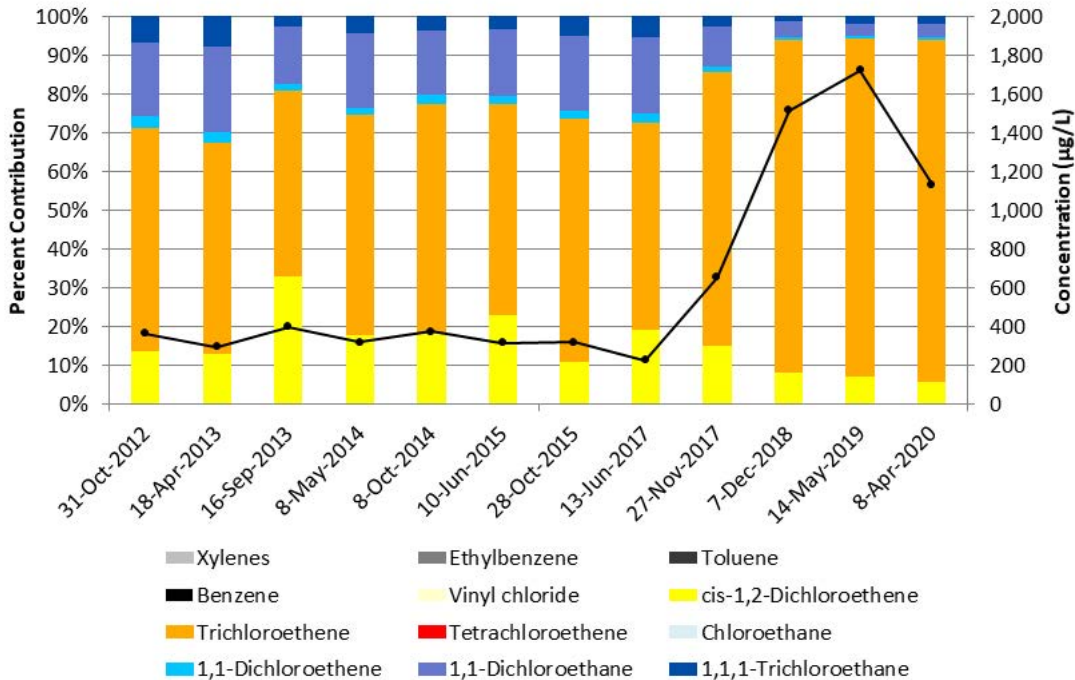
INT-12



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

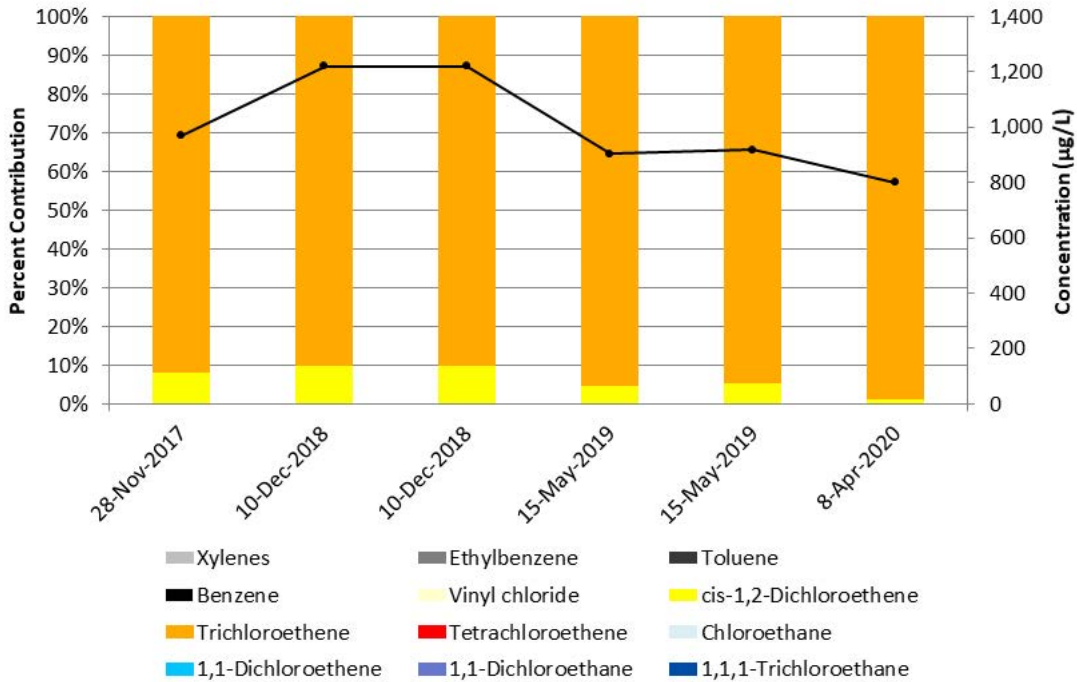
INT-13



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

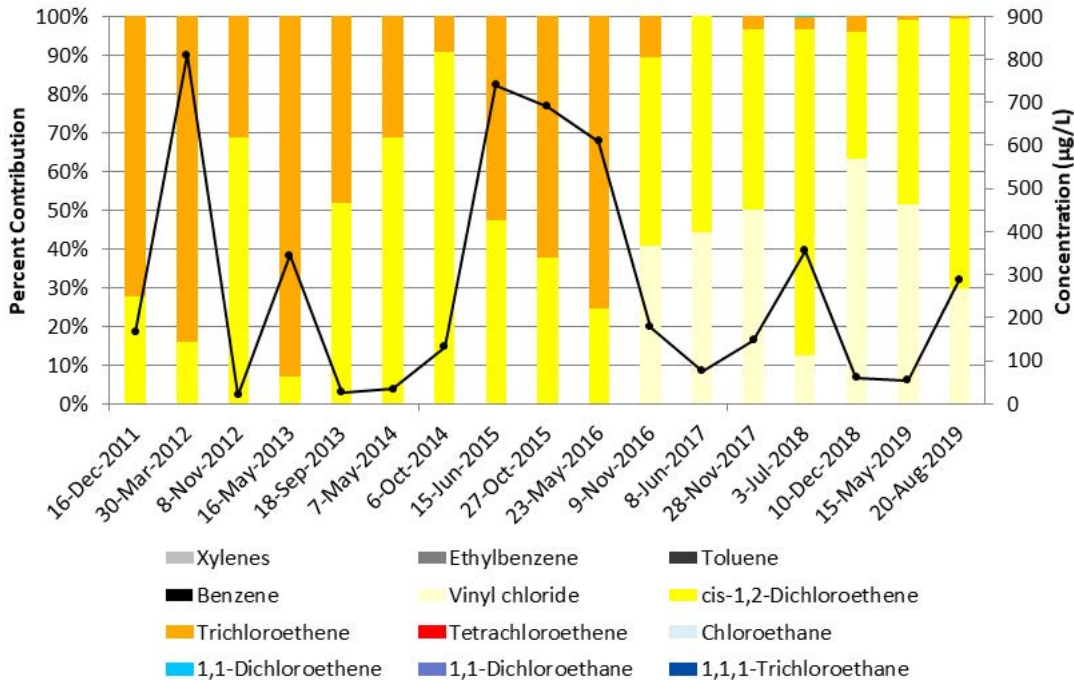
MW-2



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

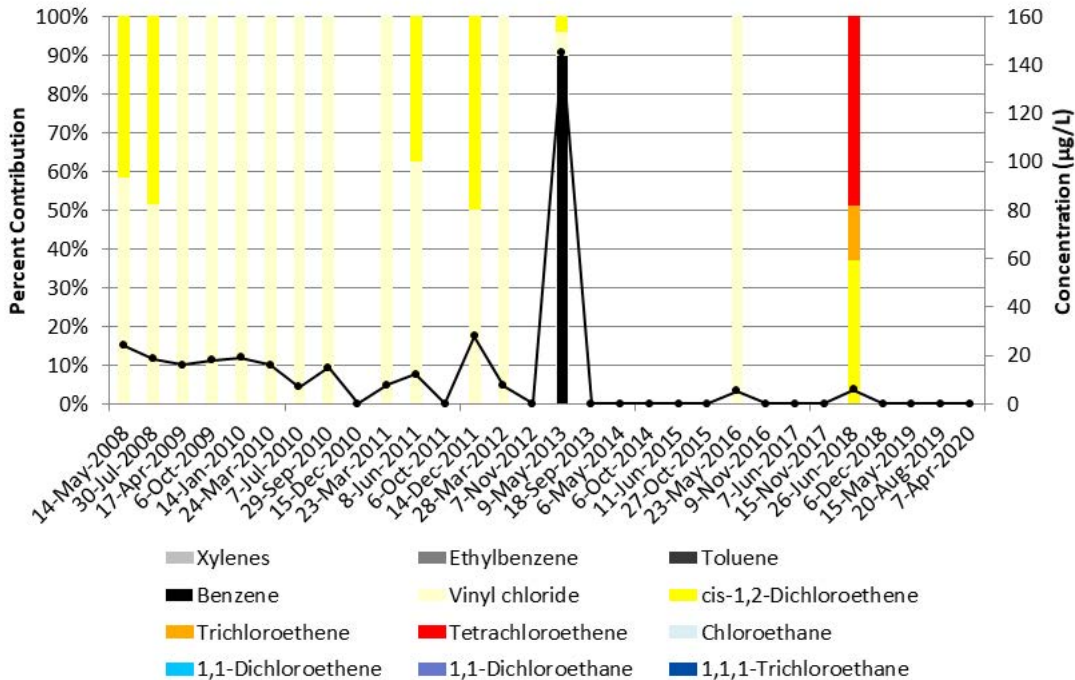
MW-2A



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

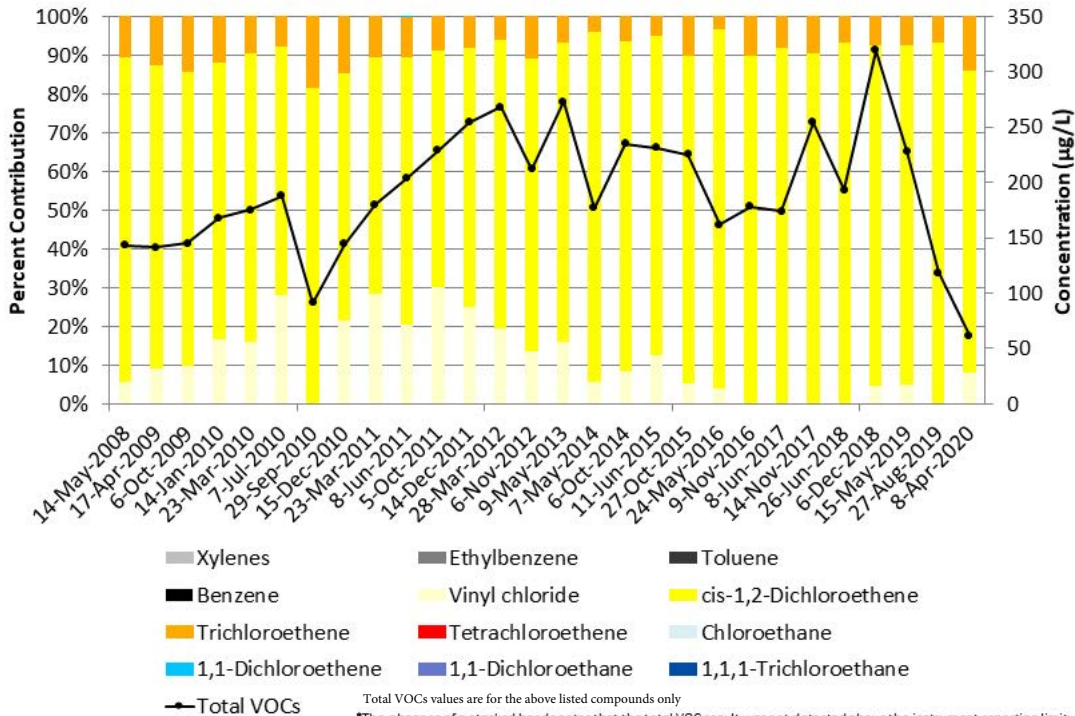
MW-5A



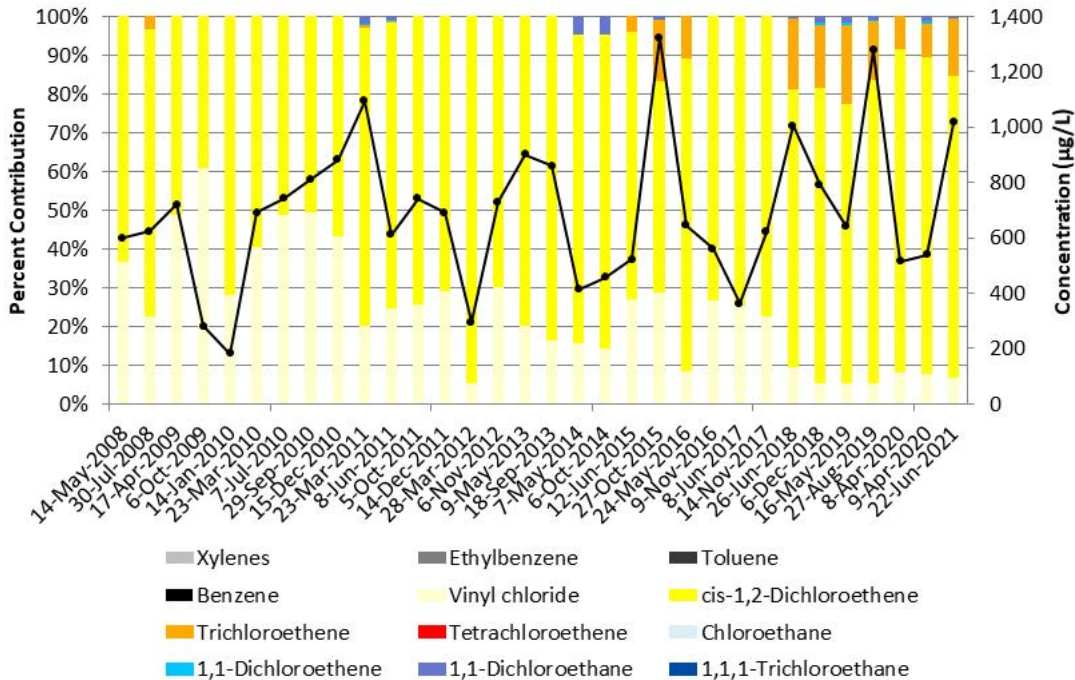
Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

MW-6



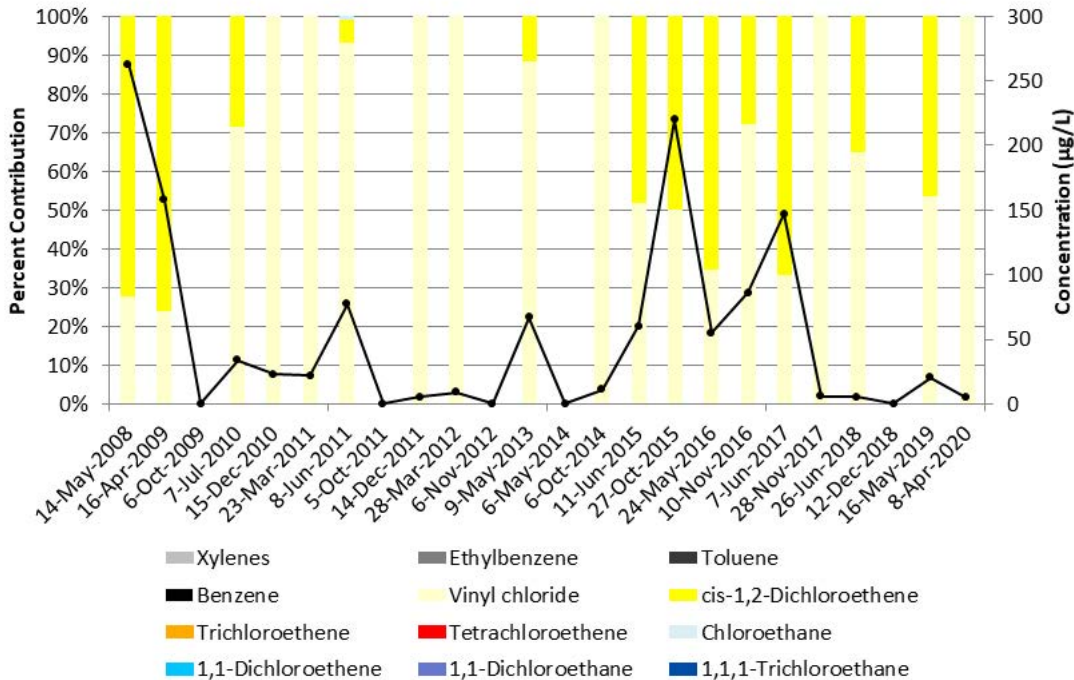
MW-6A



Total VOCs values are for the above listed compounds only

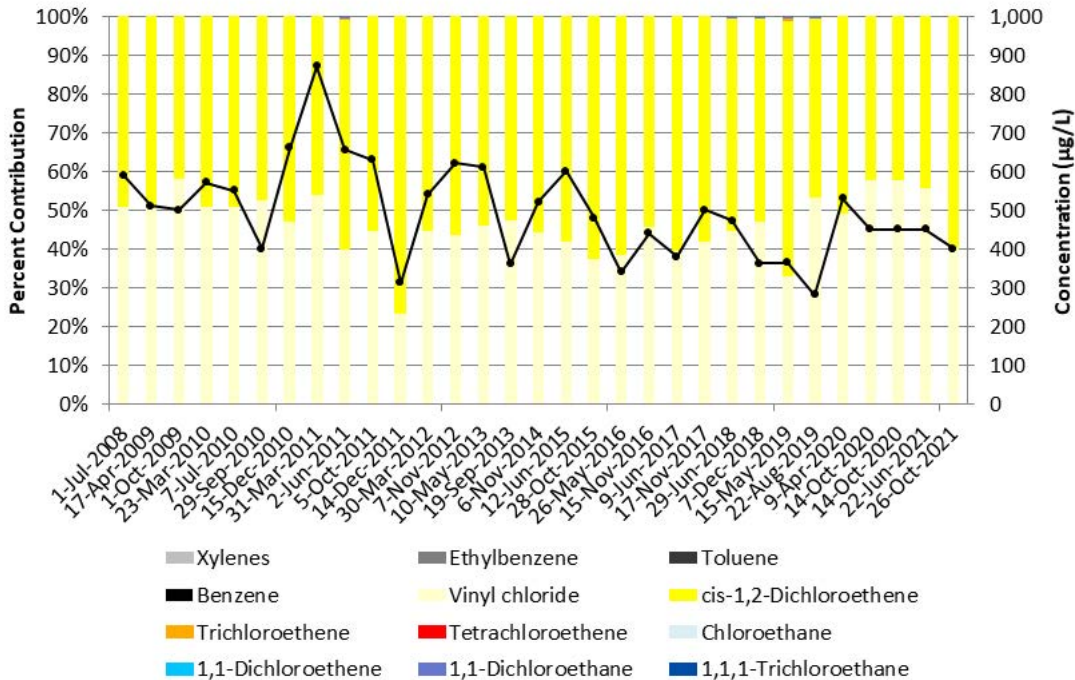
*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

MW-10



Total VOCs values are for the above listed compounds only
 *The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

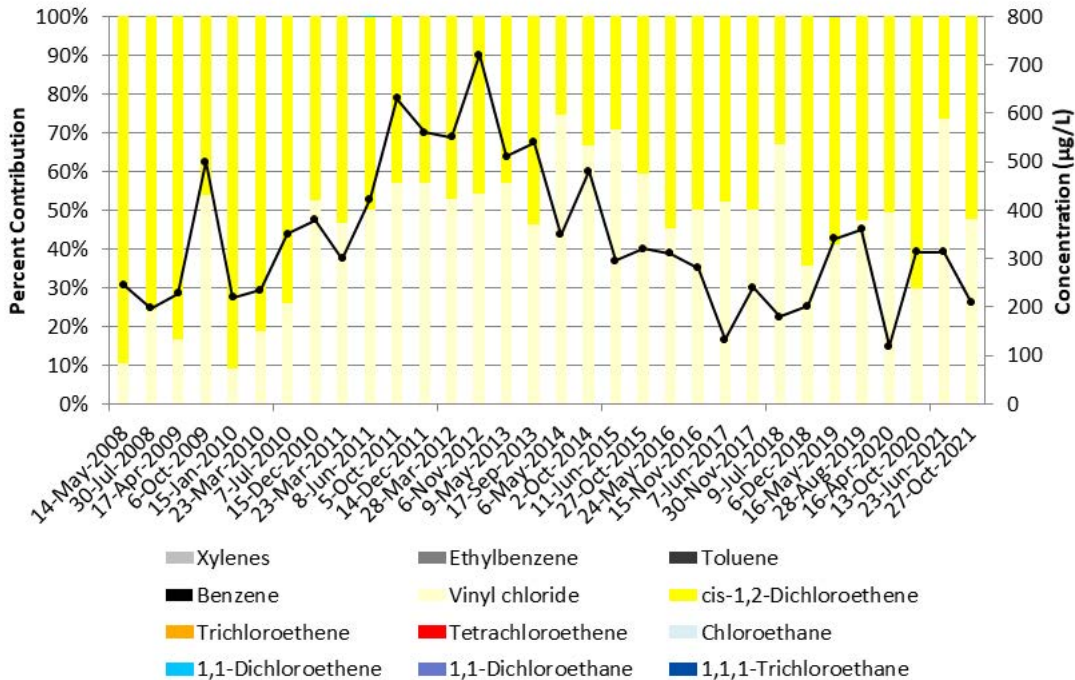
MW-11A



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

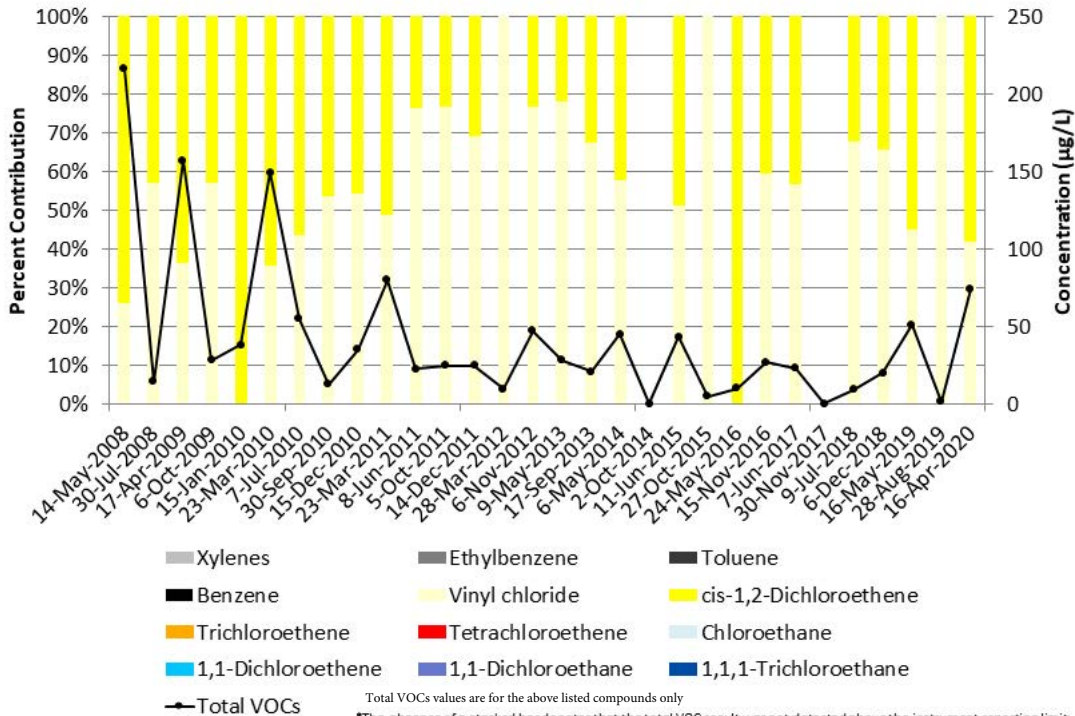
MW-14



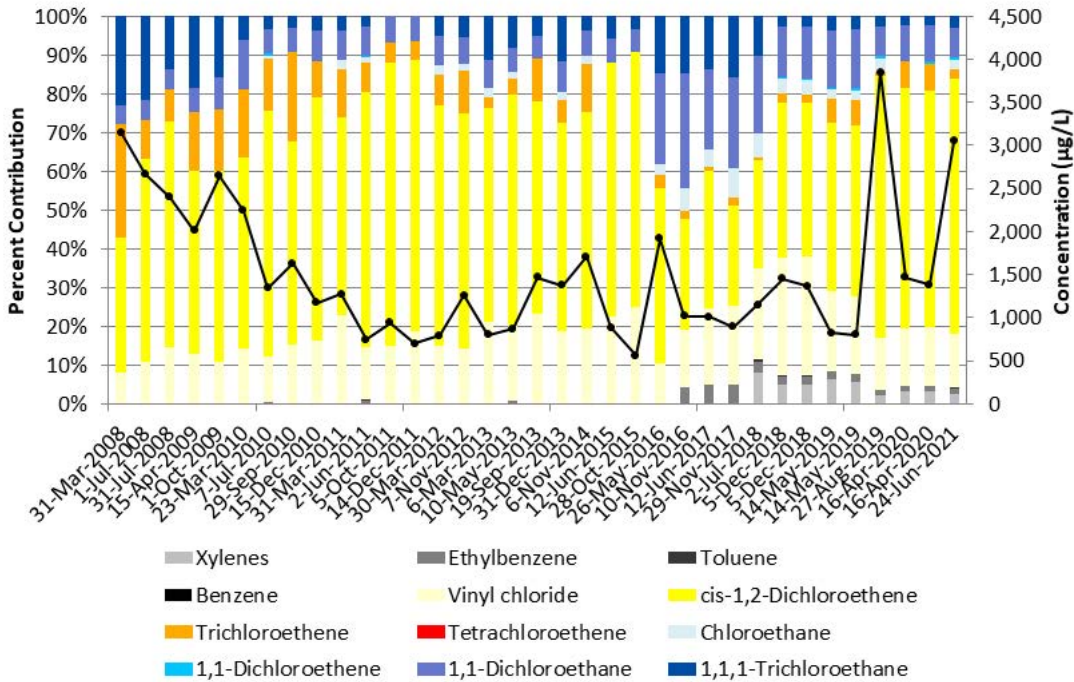
Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

MW-14A



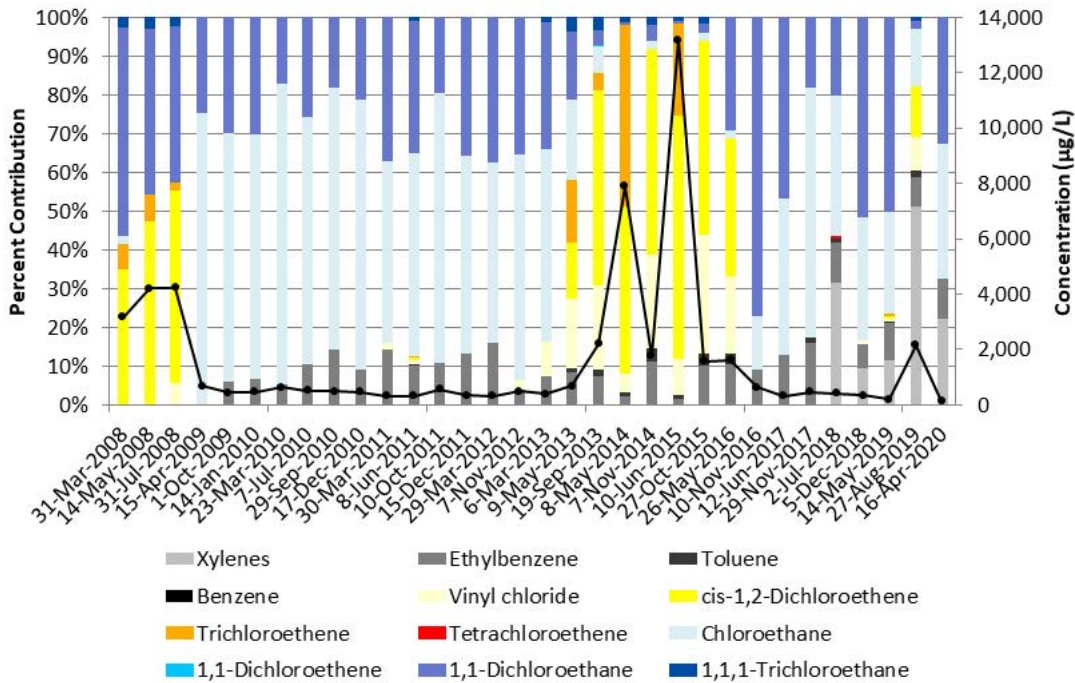
MW-16A



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

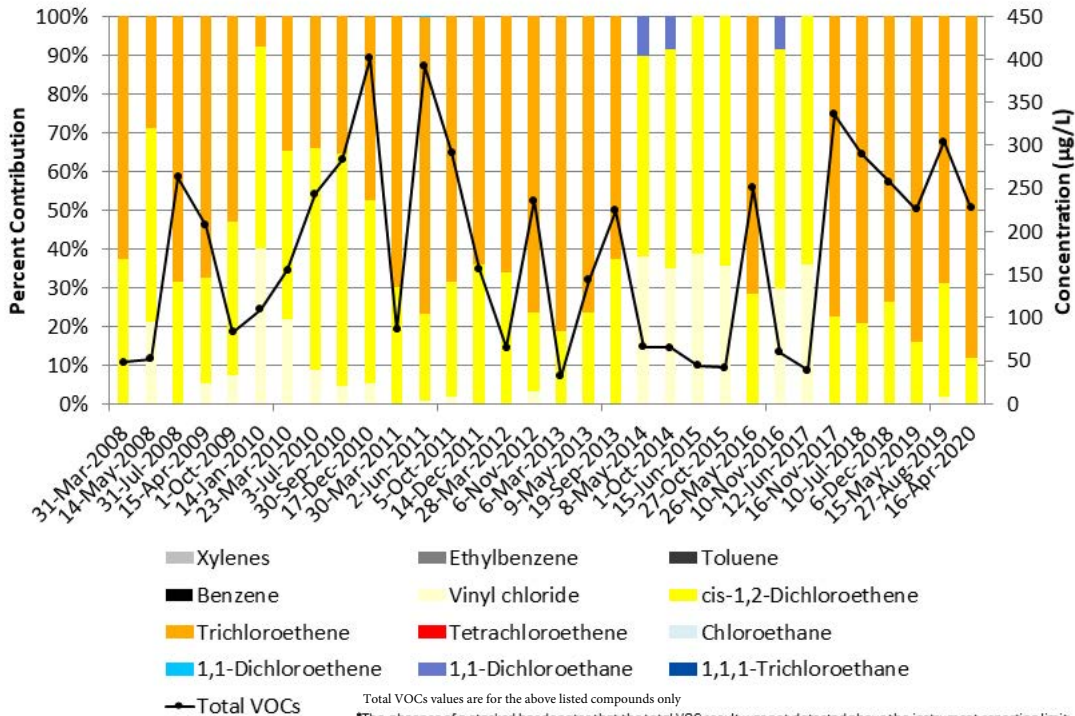
MW-16R



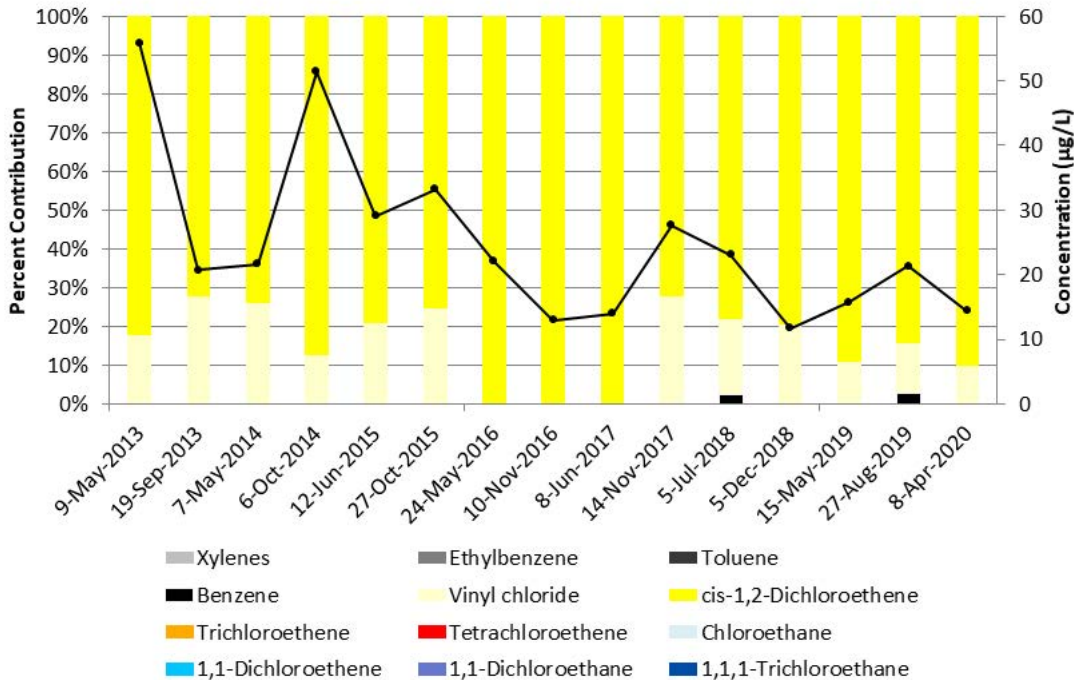
Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

MW-18A



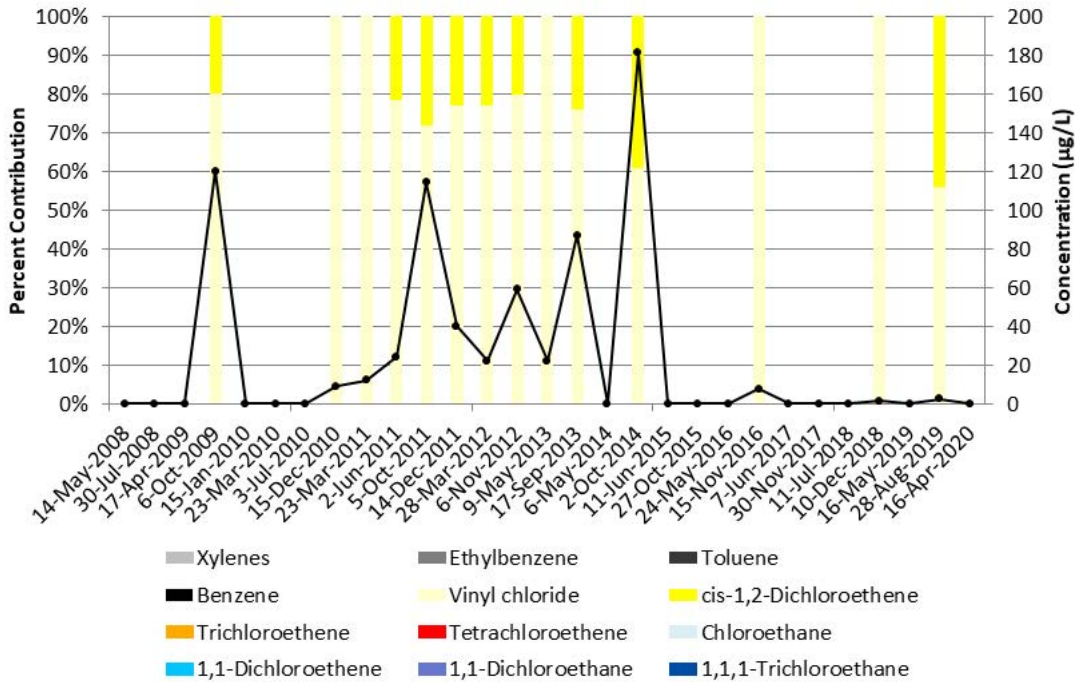
MW-19



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

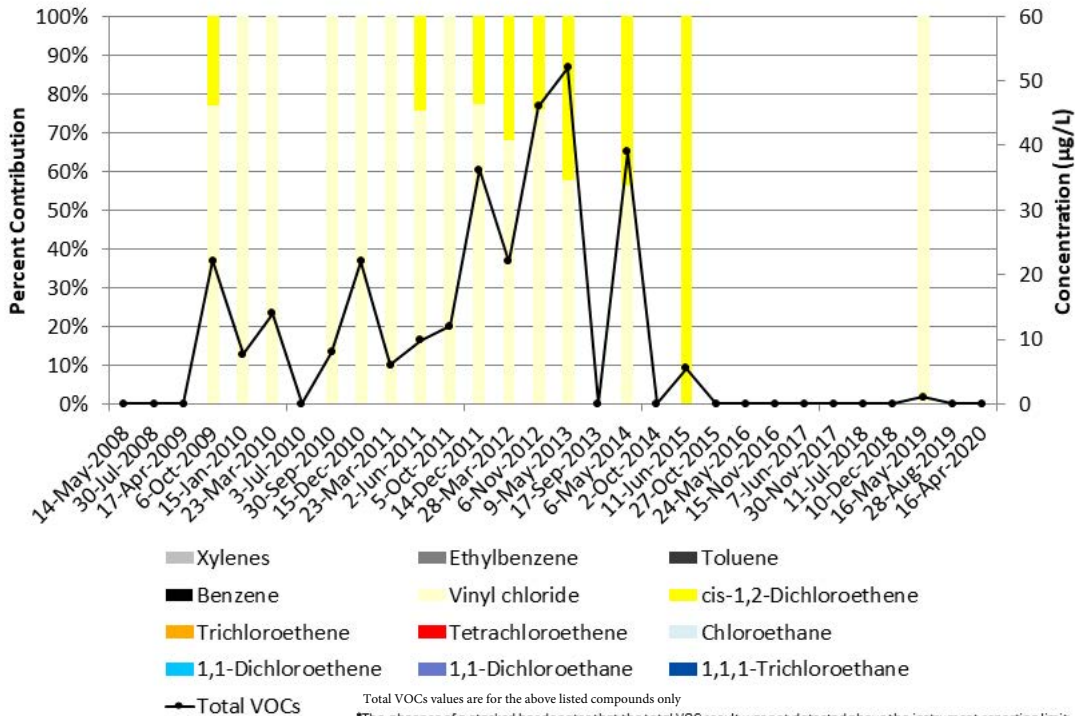
MW-22



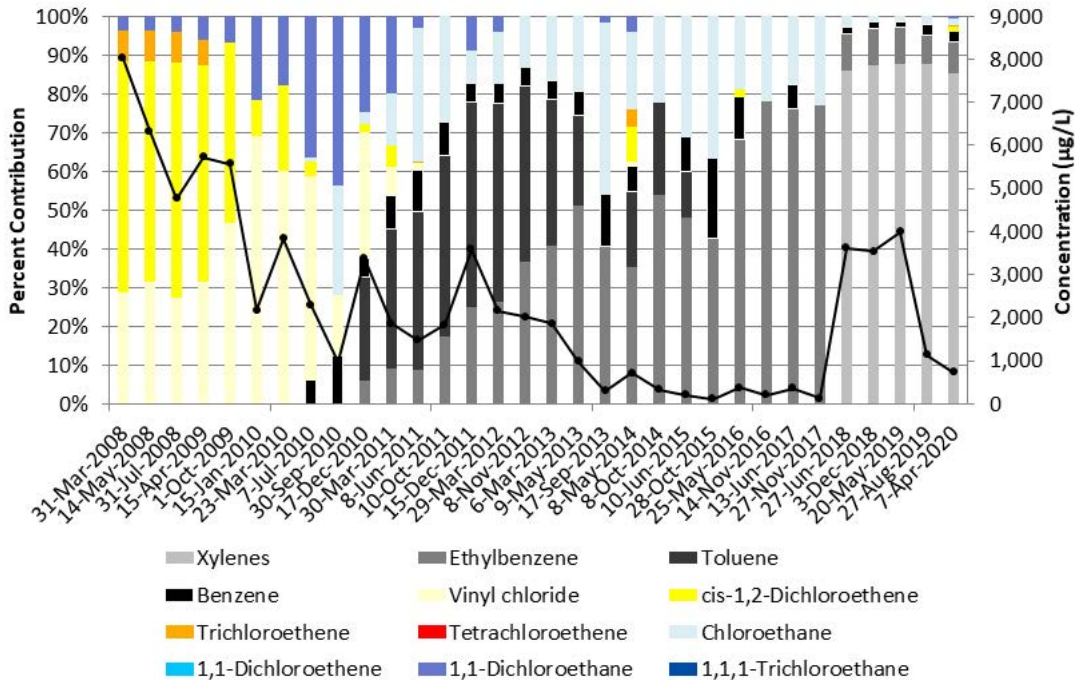
Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

MW-22A



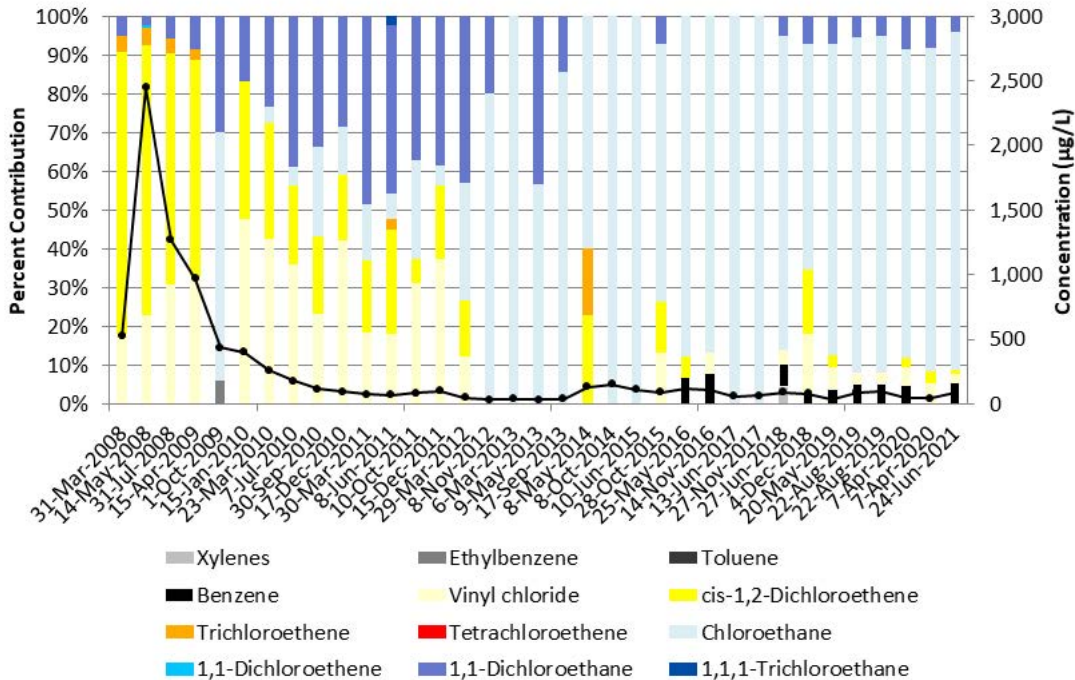
MW-24



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

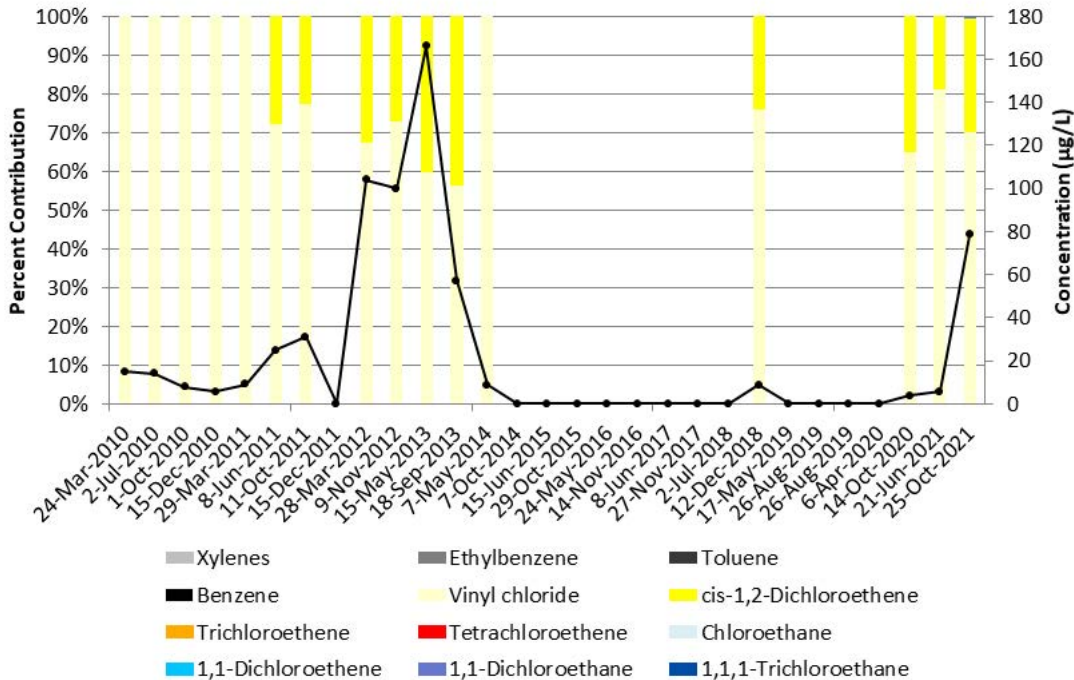
MW-24A



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

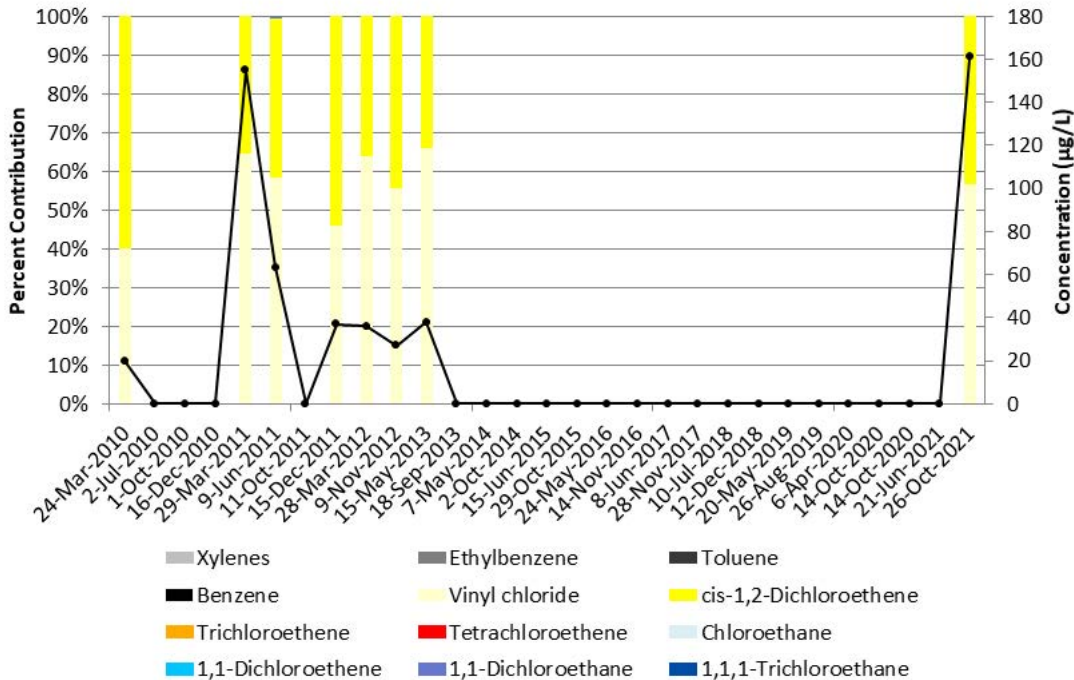
MW-25A



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

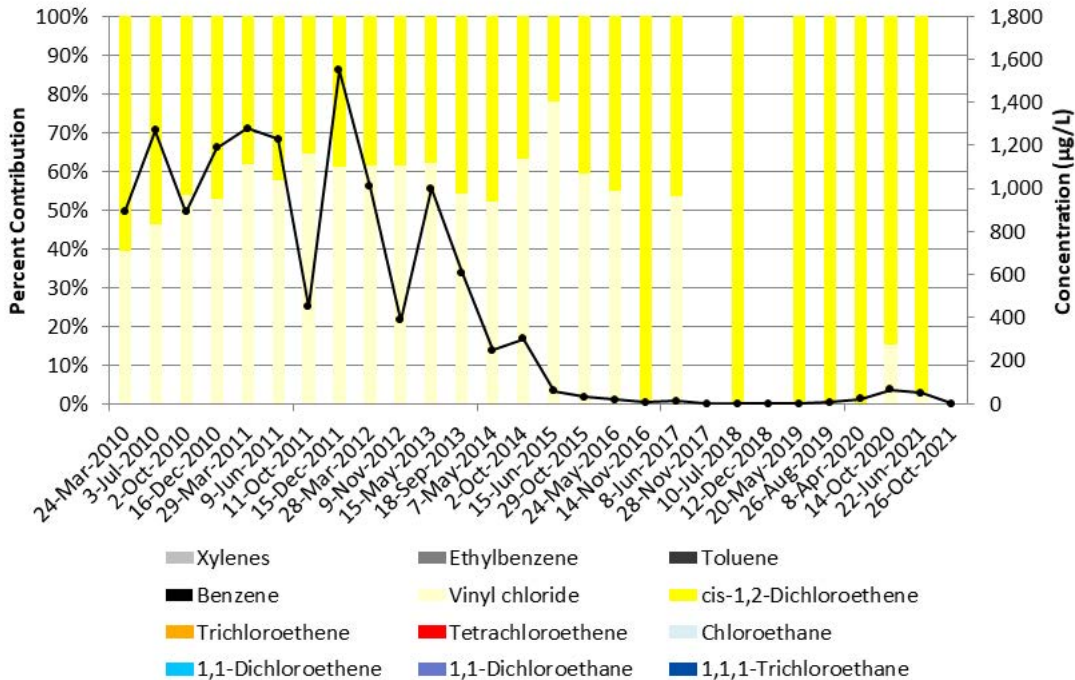
MW-26



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

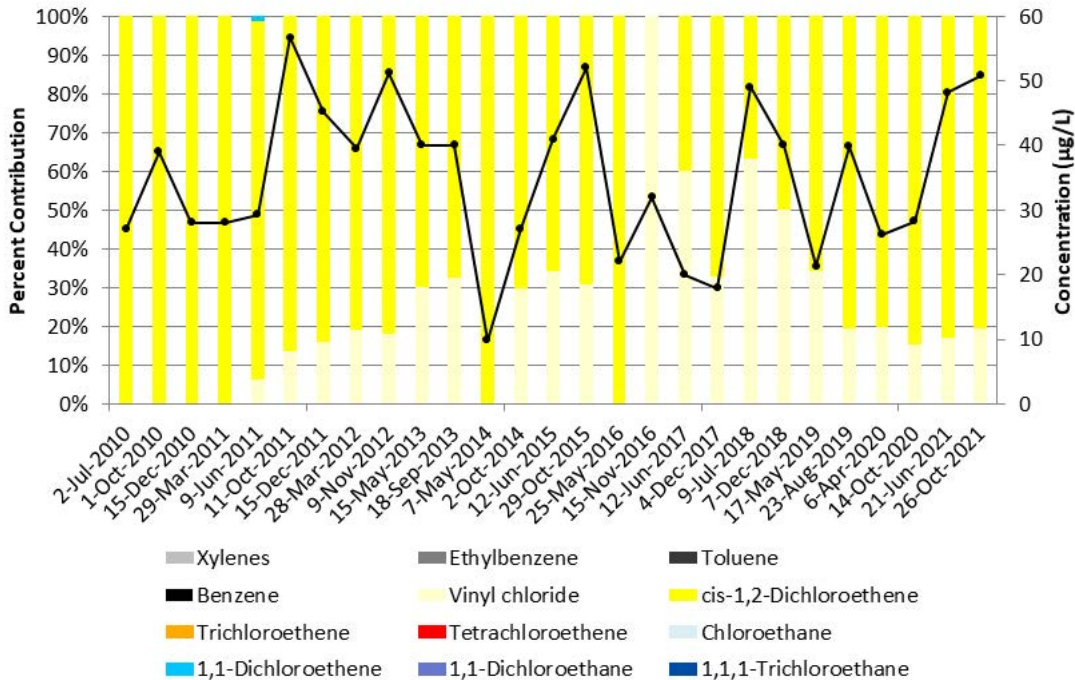
MW-26A



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

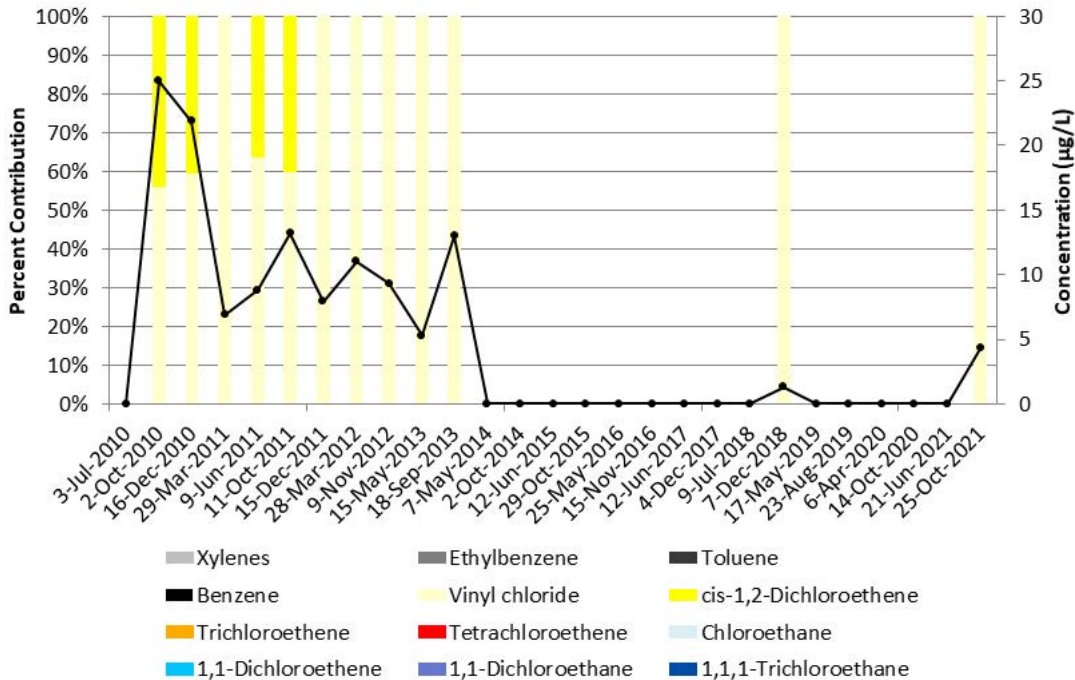
MW-28



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

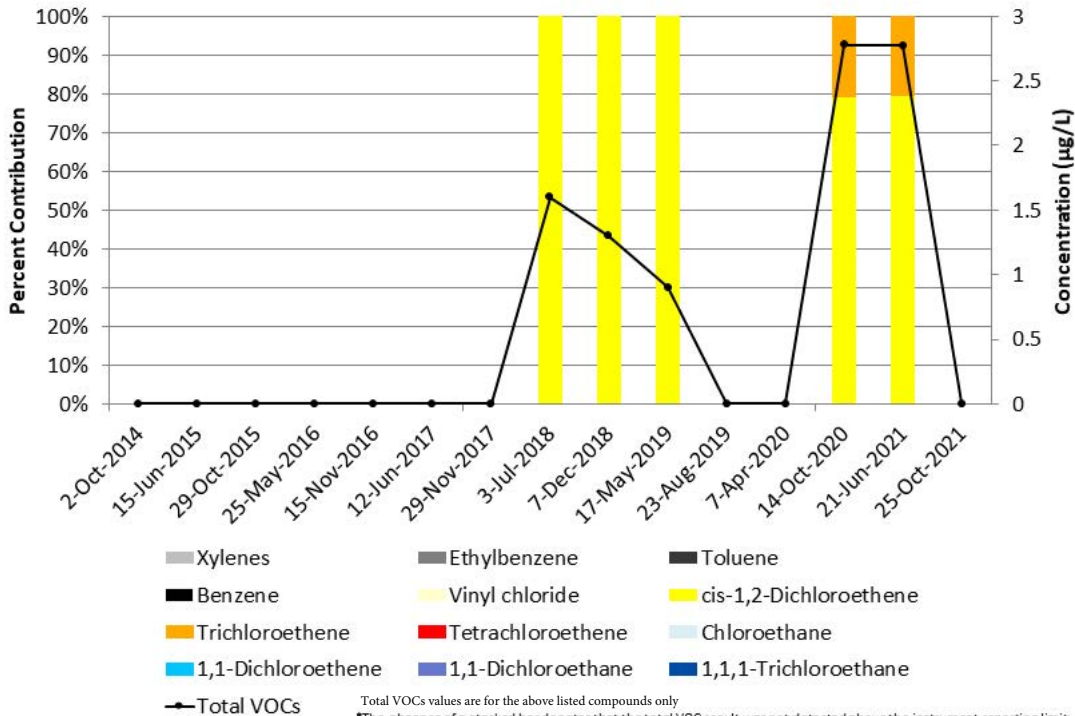
MW-28A



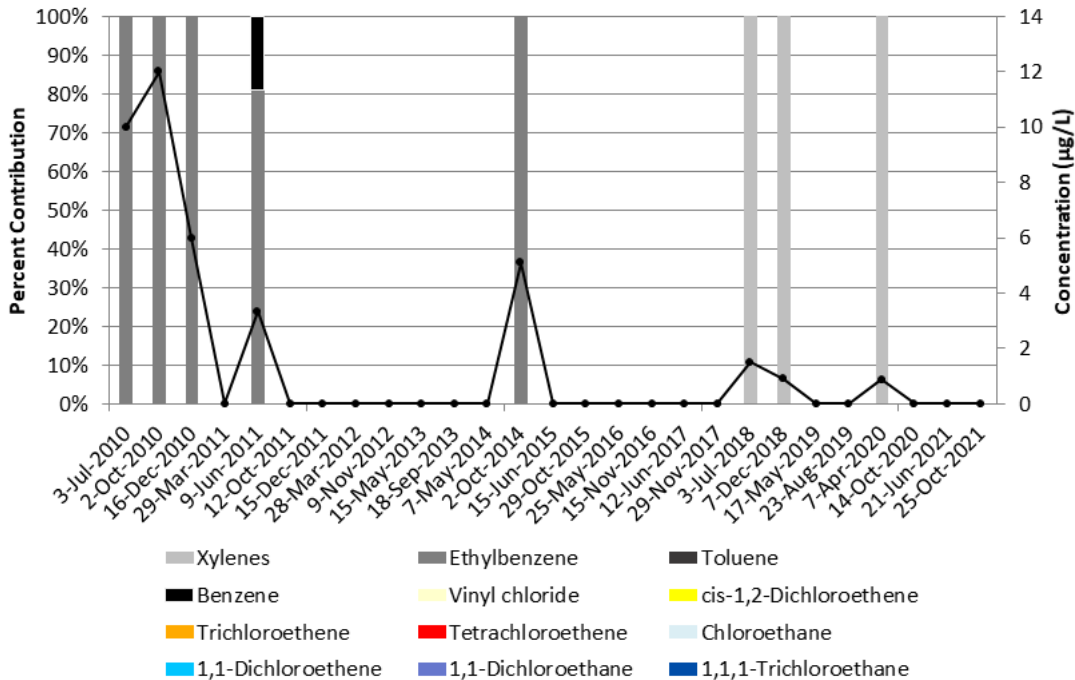
Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

MW-29



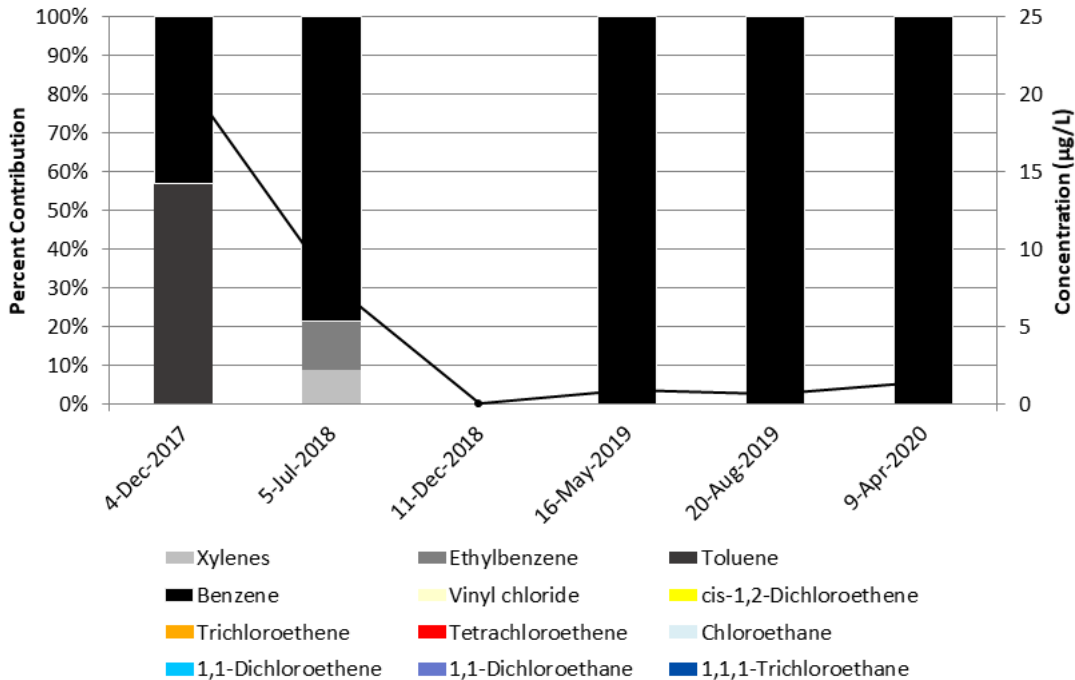
MW-29A



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

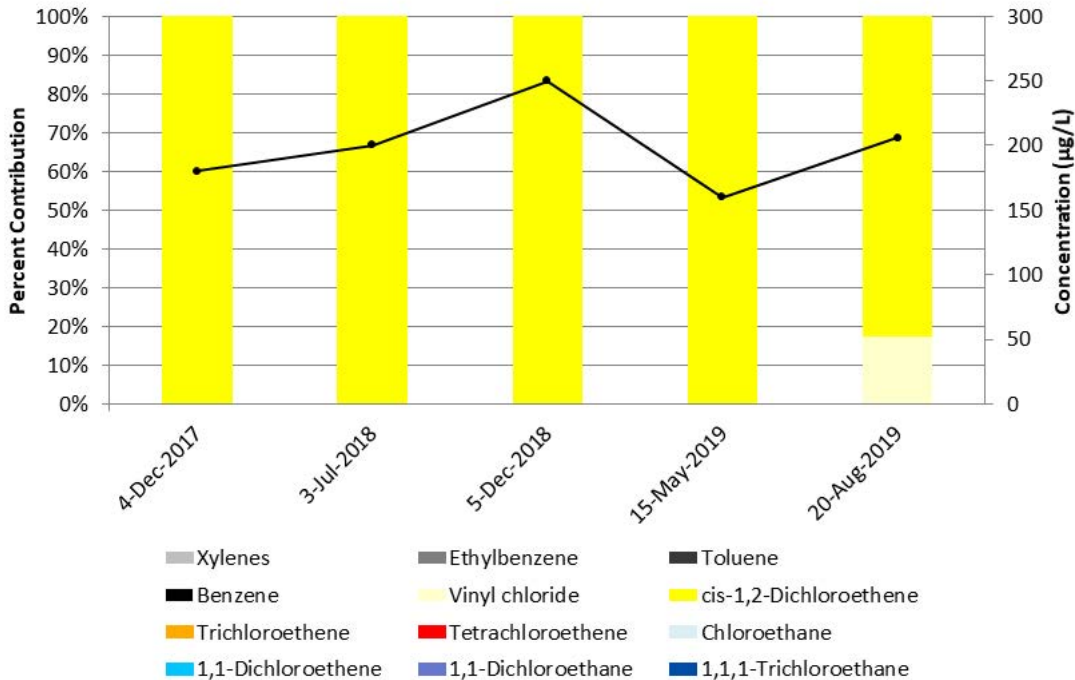
MW-30A



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

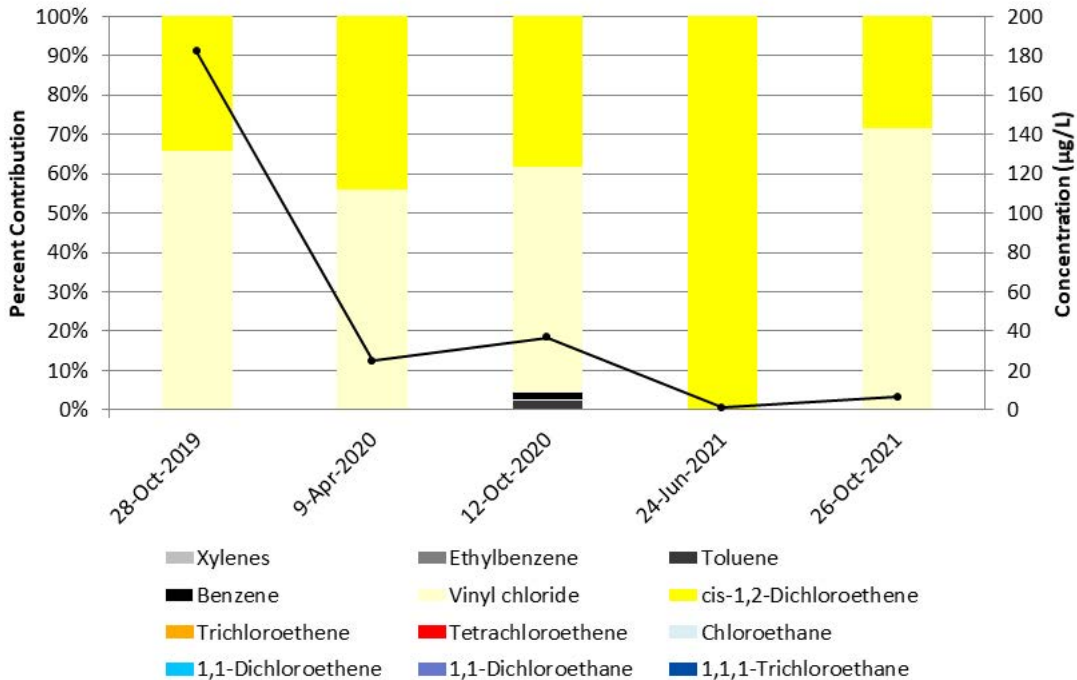
MW-31A



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

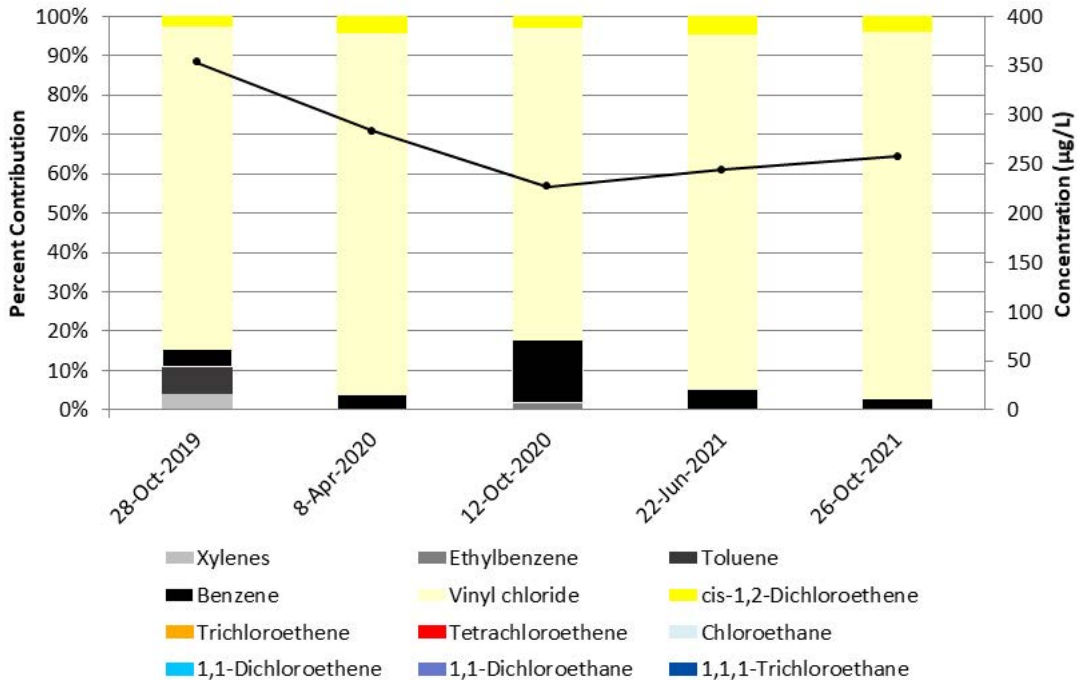
MW-33A



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

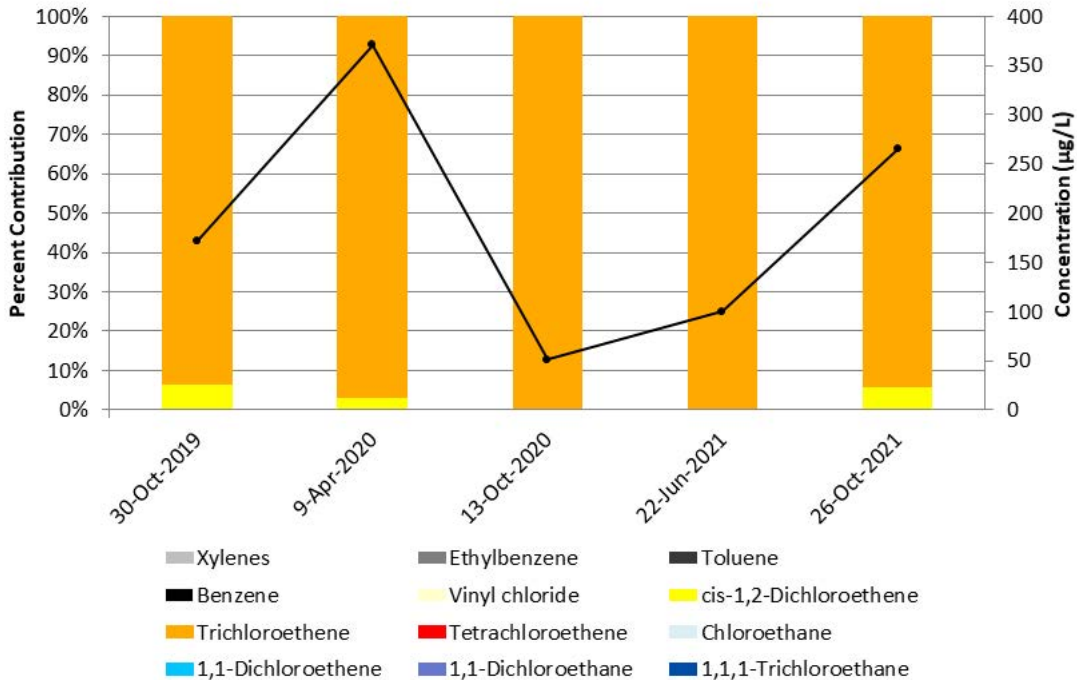
MW-34A



Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

MW-36



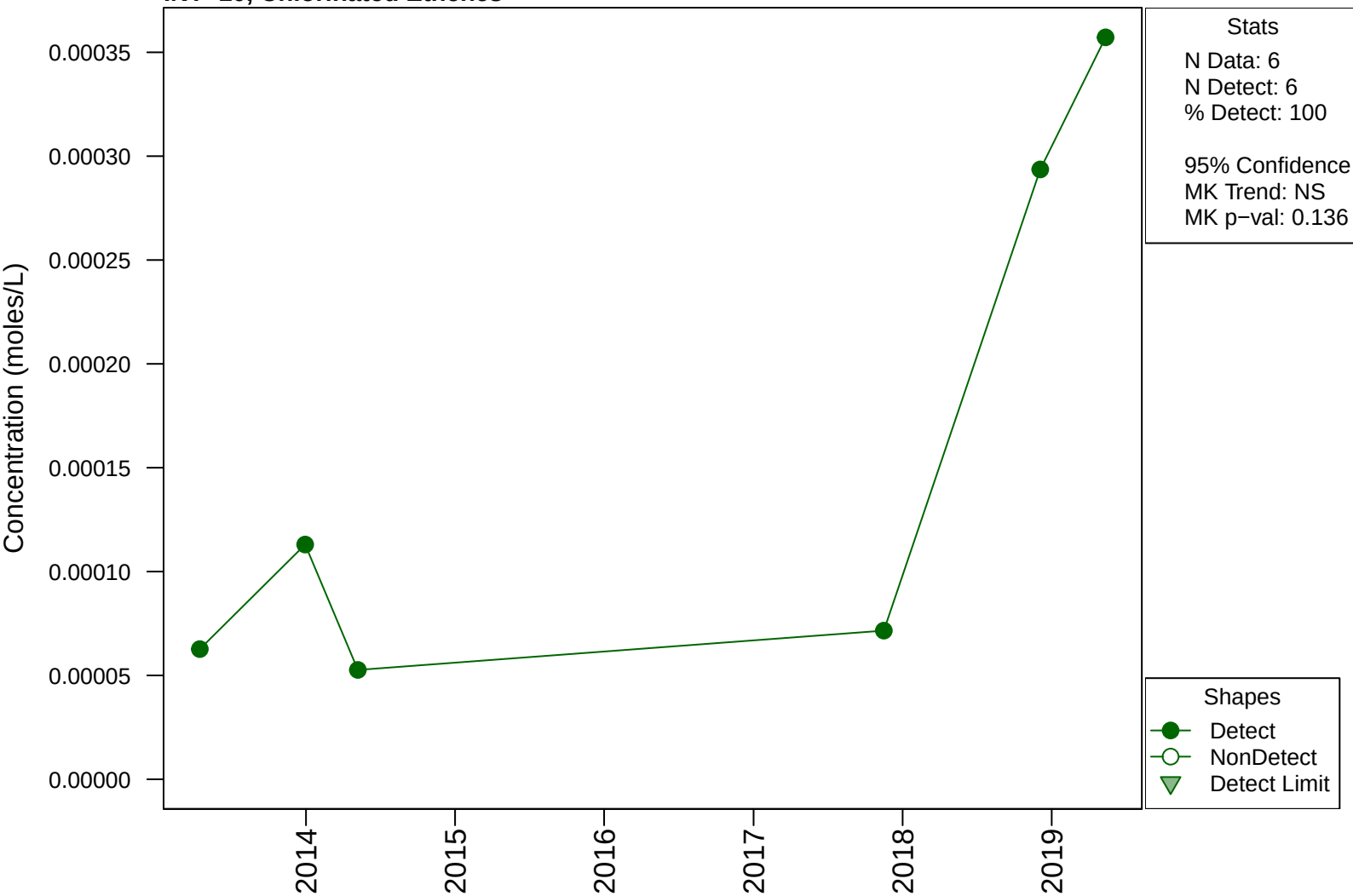
Total VOCs values are for the above listed compounds only

*The absence of a stacked bar denotes that the total VOC result was not detected above the instrument reporting limit

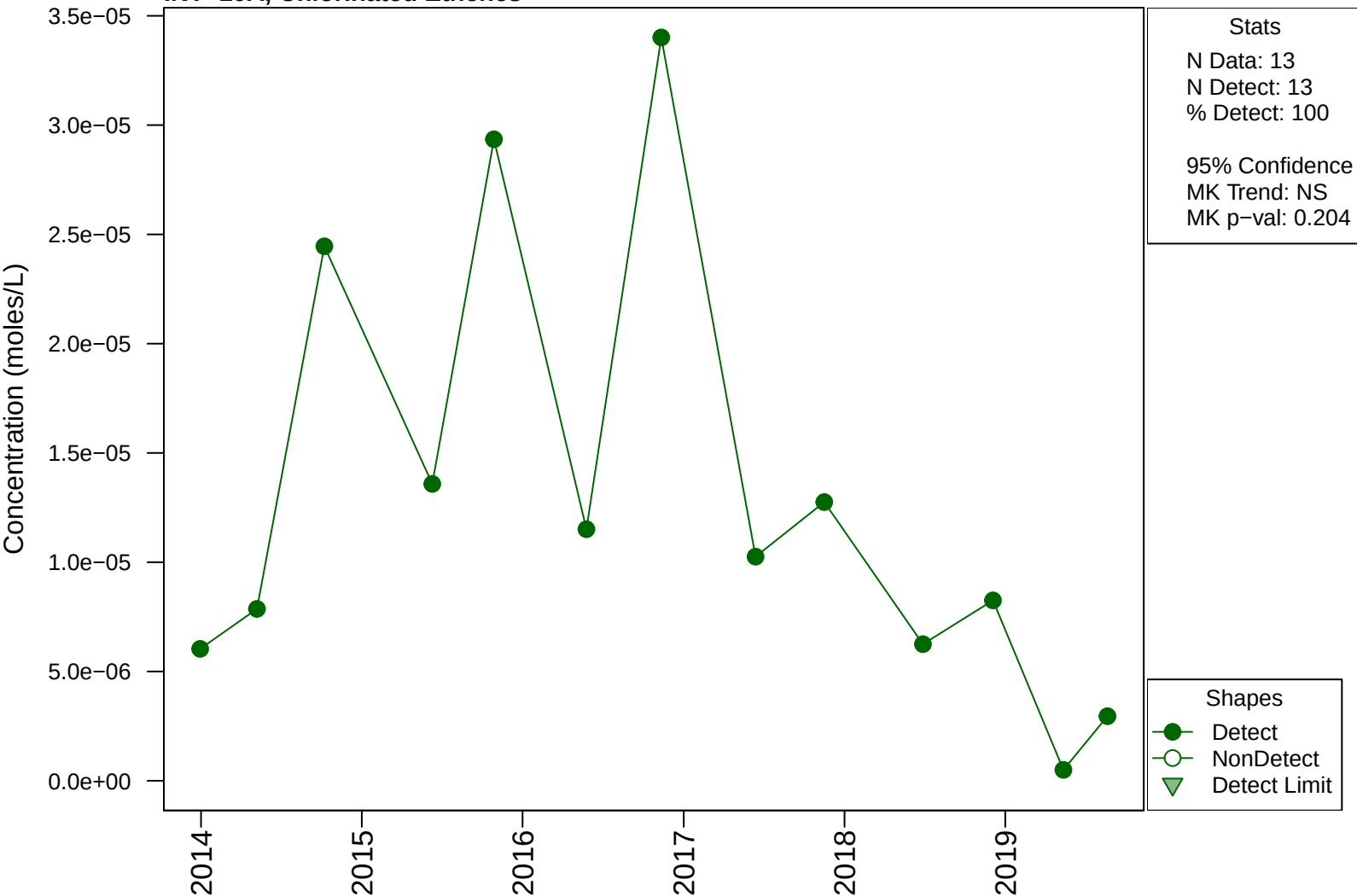
APPENDIX B CHLROINATED ETHANES TREND ANALYSIS

Scatterplots and Trend Analysis

INT-10, Chlorinated Ethenes

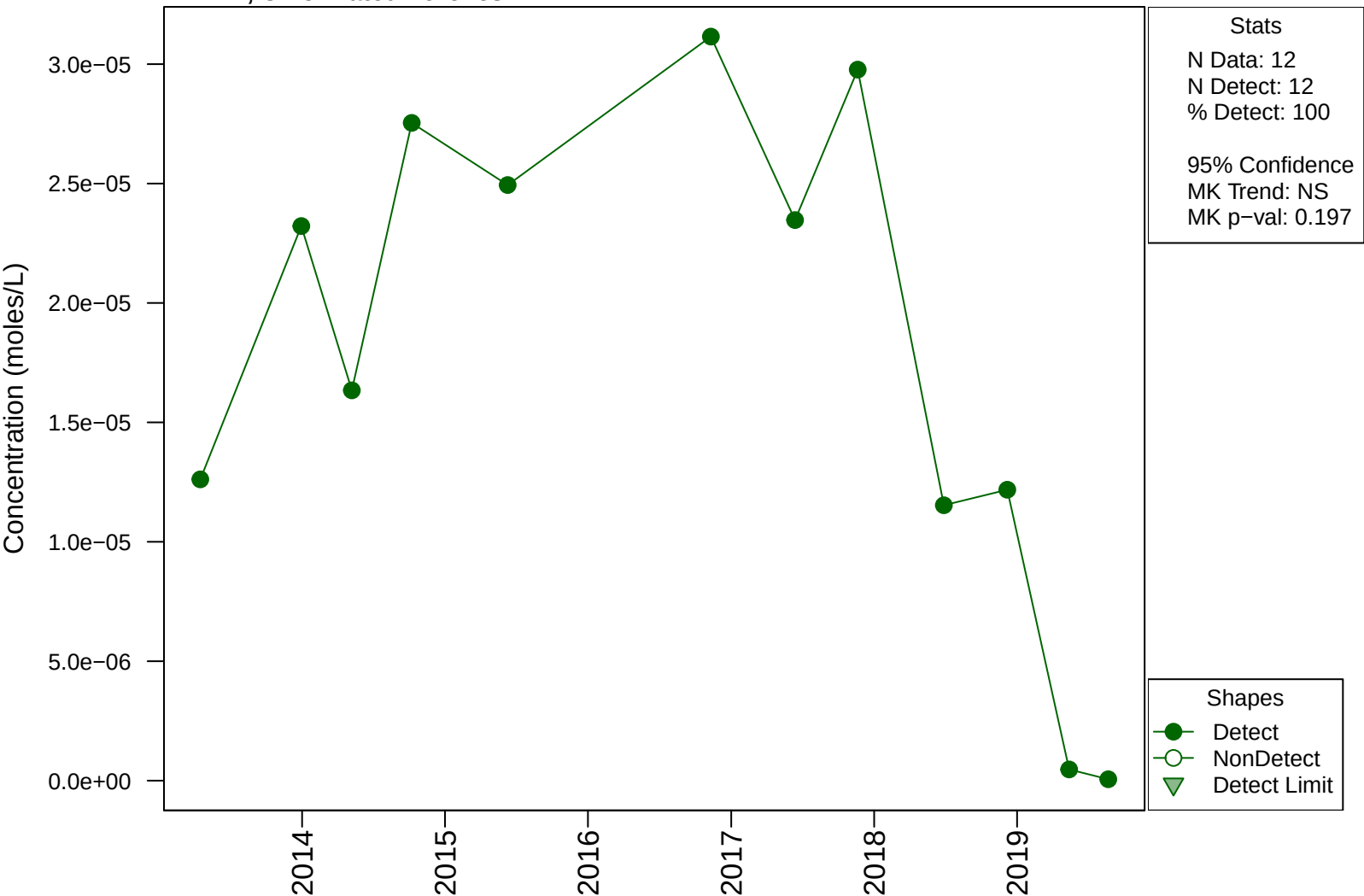


Scatterplots and Trend Analysis INT-10A, Chlorinated Ethenes



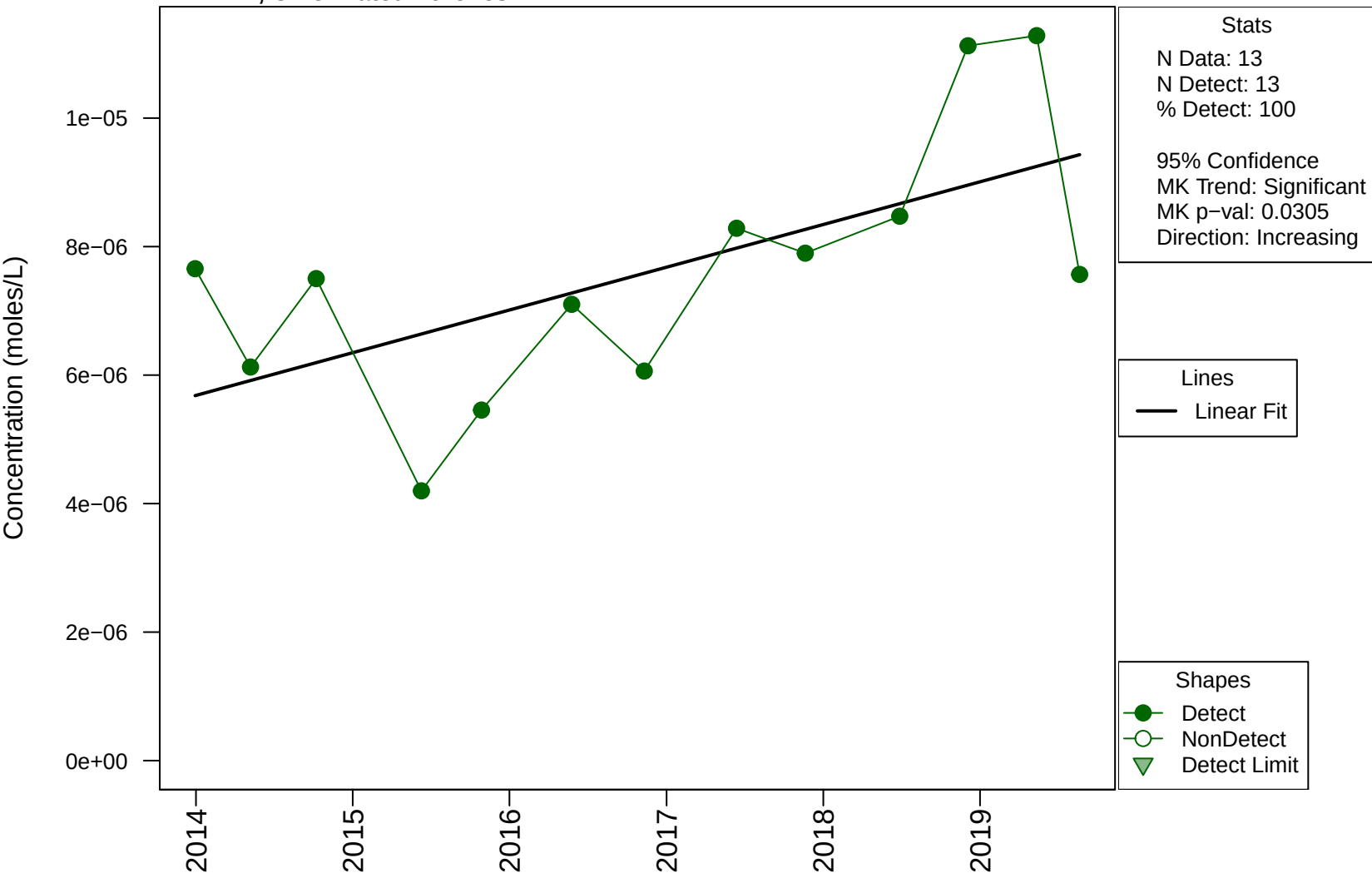
Scatterplots and Trend Analysis

INT-11, Chlorinated Ethenes



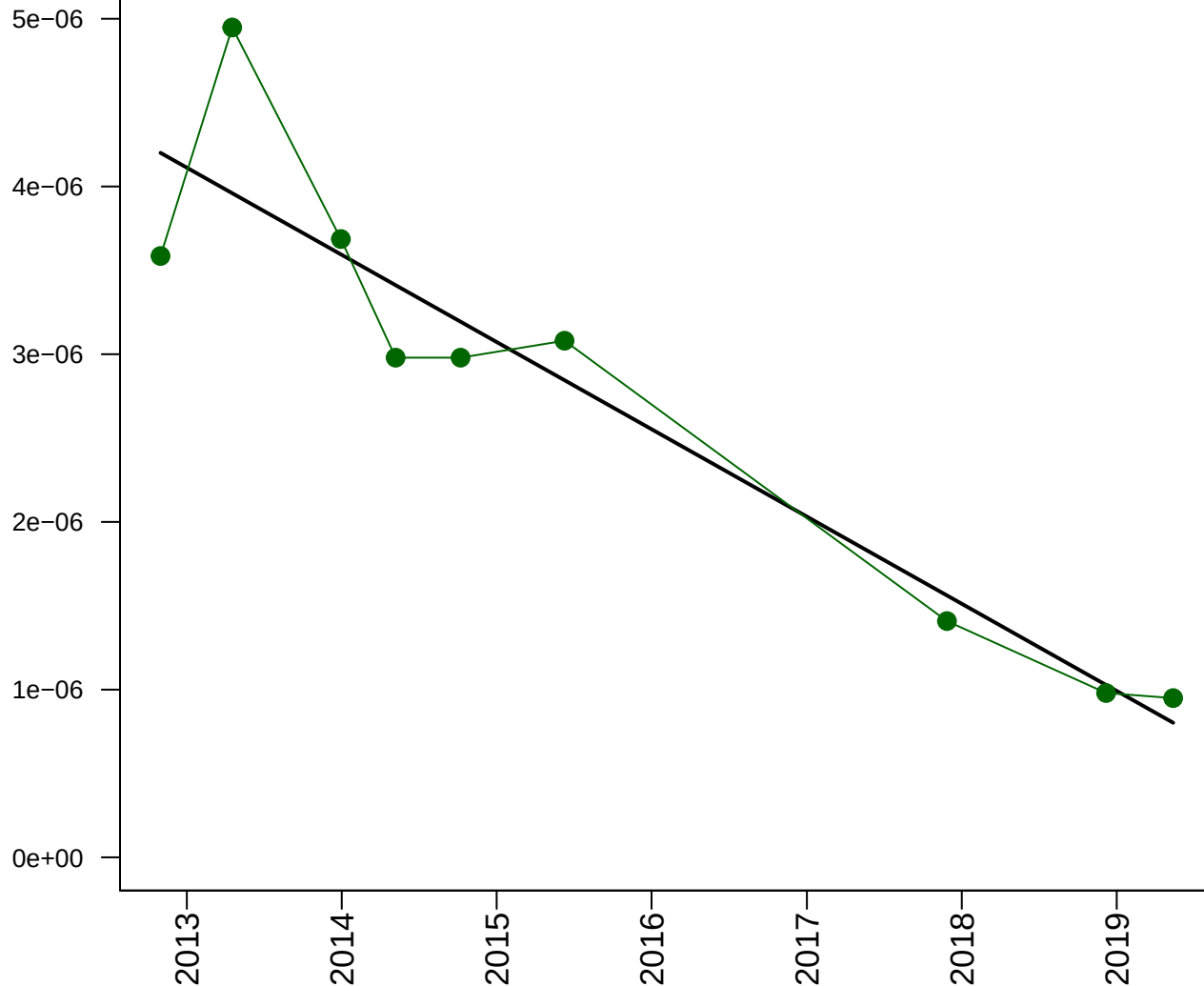
Scatterplots and Trend Analysis

INT-11A, Chlorinated Ethenes



Scatterplots and Trend Analysis INT-12, Chlorinated Ethanes

Concentration (moles/L)



Stats

N Data: 9
N Detect: 9
% Detect: 100

95% Confidence
MK Trend: Significant
MK p-val: 0.00465
Direction: Decreasing

Lines

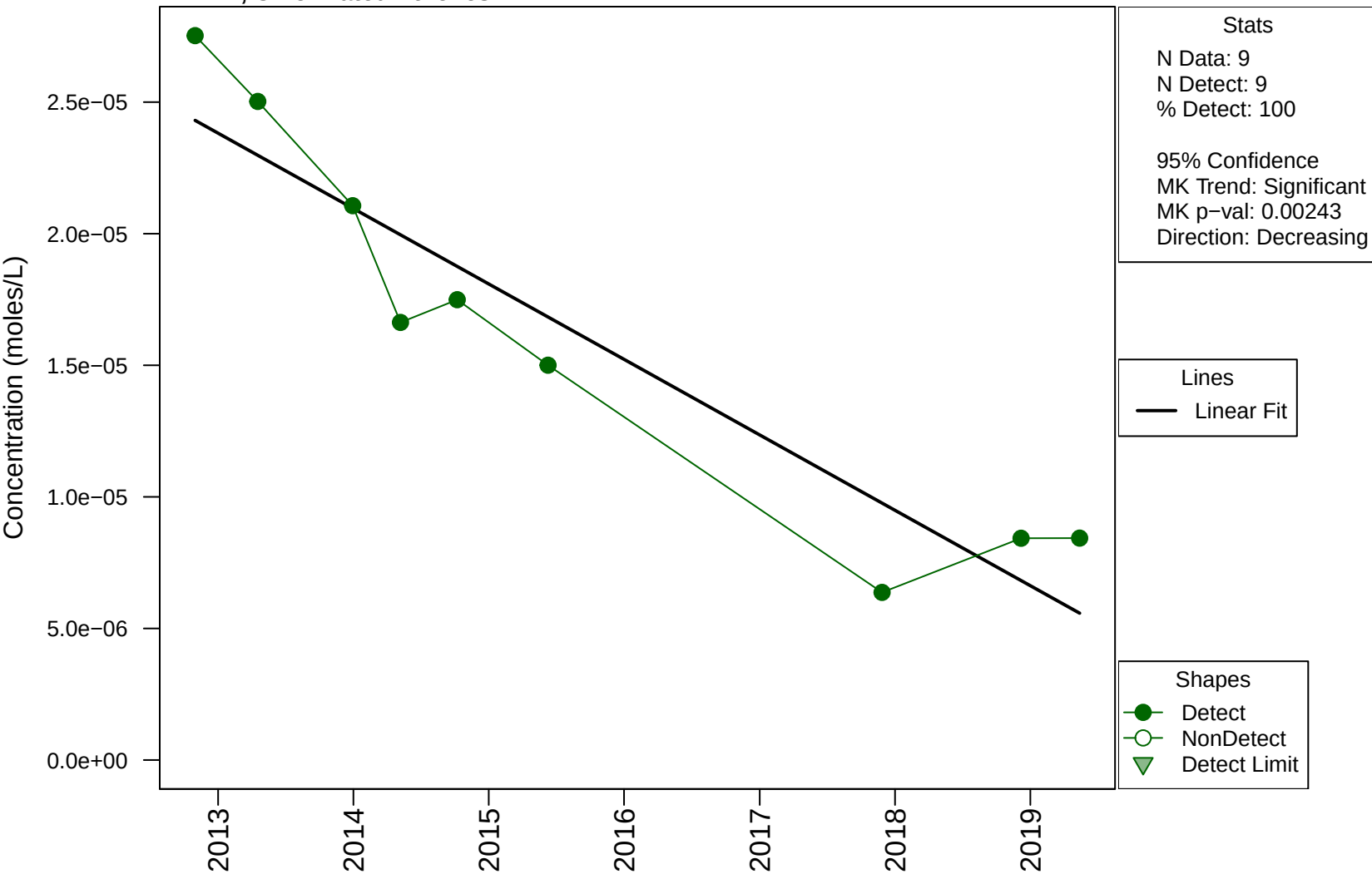
— Linear Fit

Shapes

● Detect
○ NonDetect
▼ Detect Limit

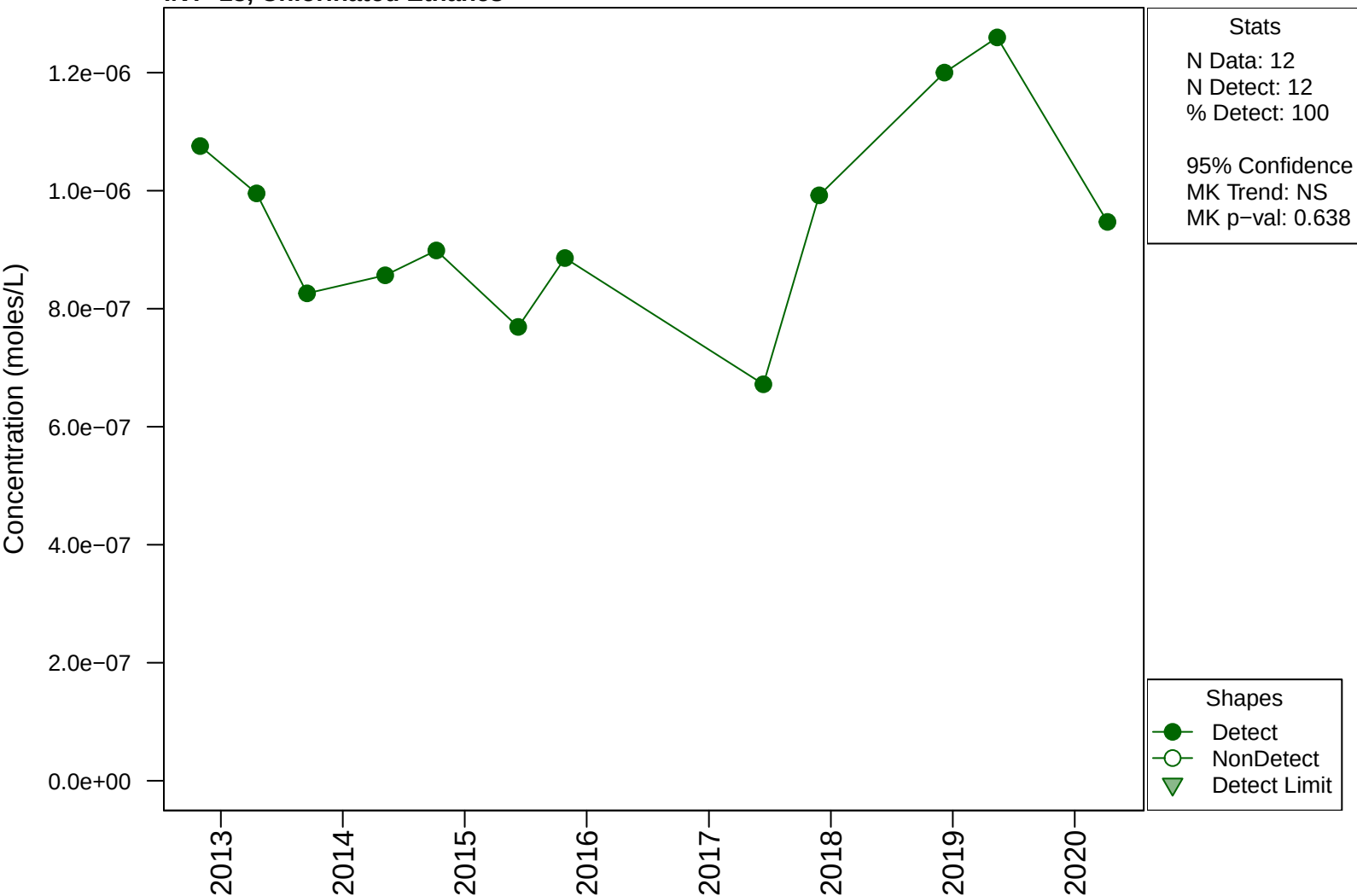
Scatterplots and Trend Analysis

INT-12, Chlorinated Ethenes

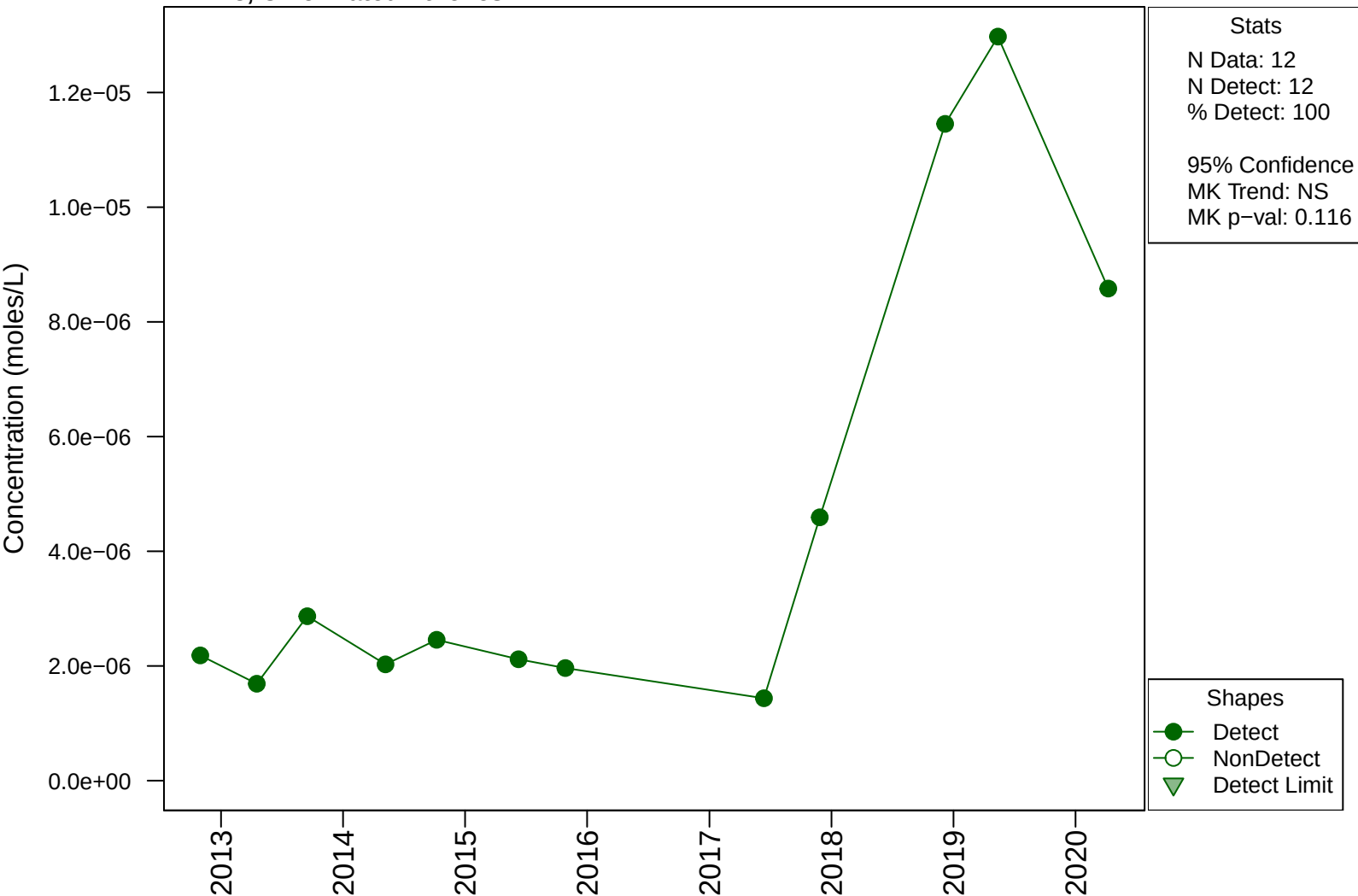


Scatterplots and Trend Analysis

INT-13, Chlorinated Ethanes

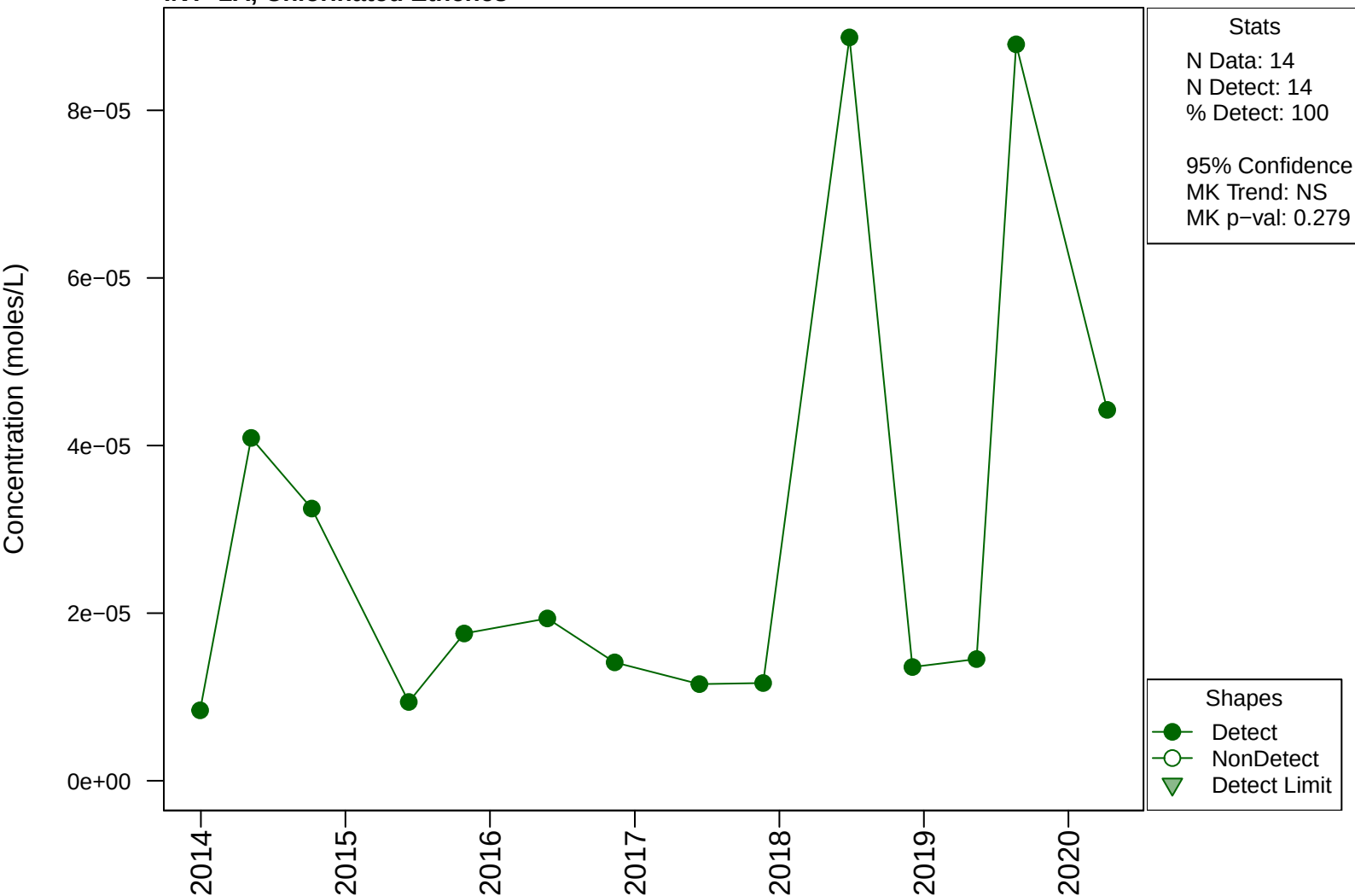


Scatterplots and Trend Analysis INT-13, Chlorinated Ethenes



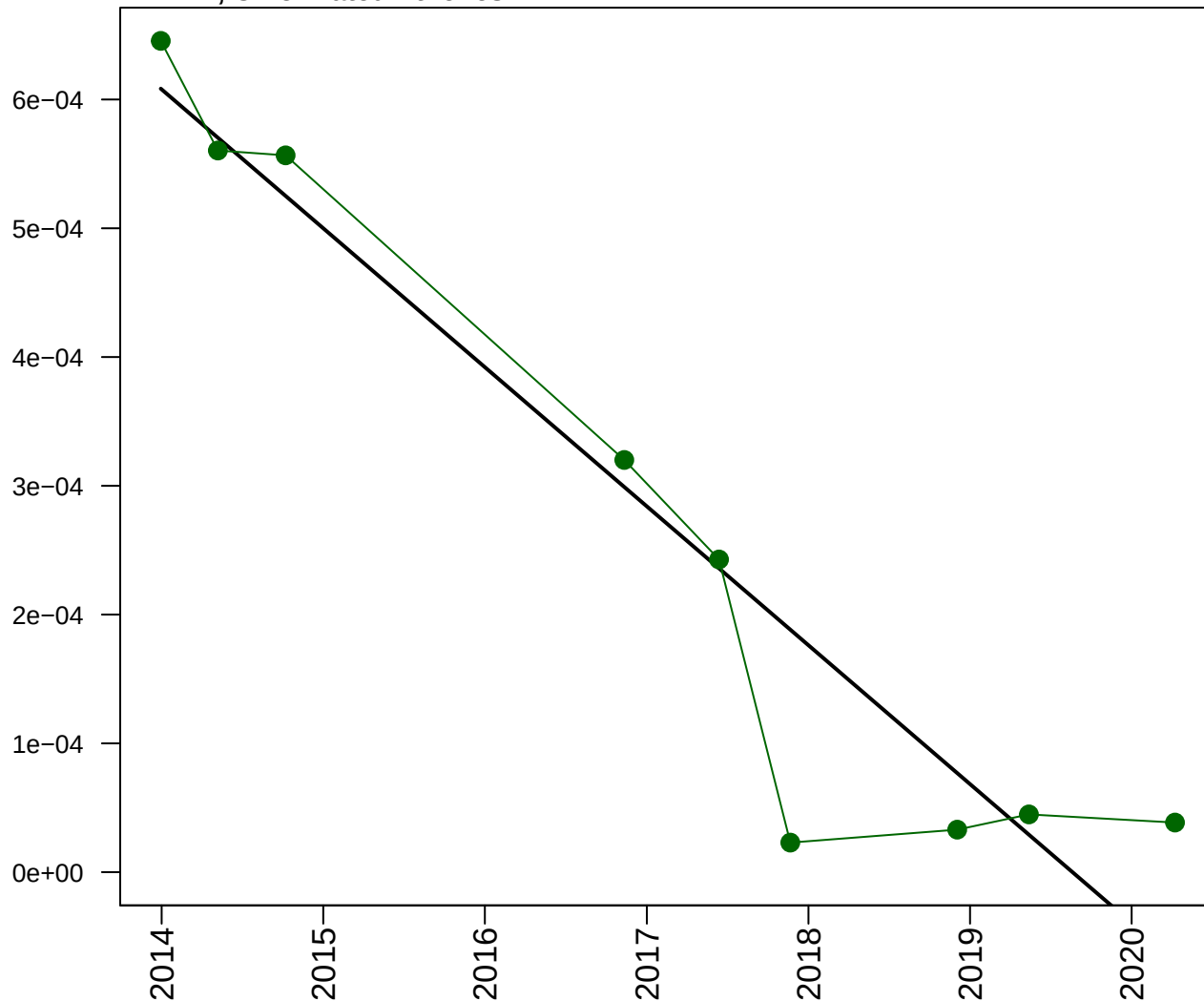
Scatterplots and Trend Analysis

INT-2A, Chlorinated Ethenes



Scatterplots and Trend Analysis INT-2R, Chlorinated Ethenes

Concentration (moles/L)



Stats

N Data: 9
N Detect: 9
% Detect: 100

95% Confidence
MK Trend: Significant
MK p-val: 0.00589
Direction: Decreasing

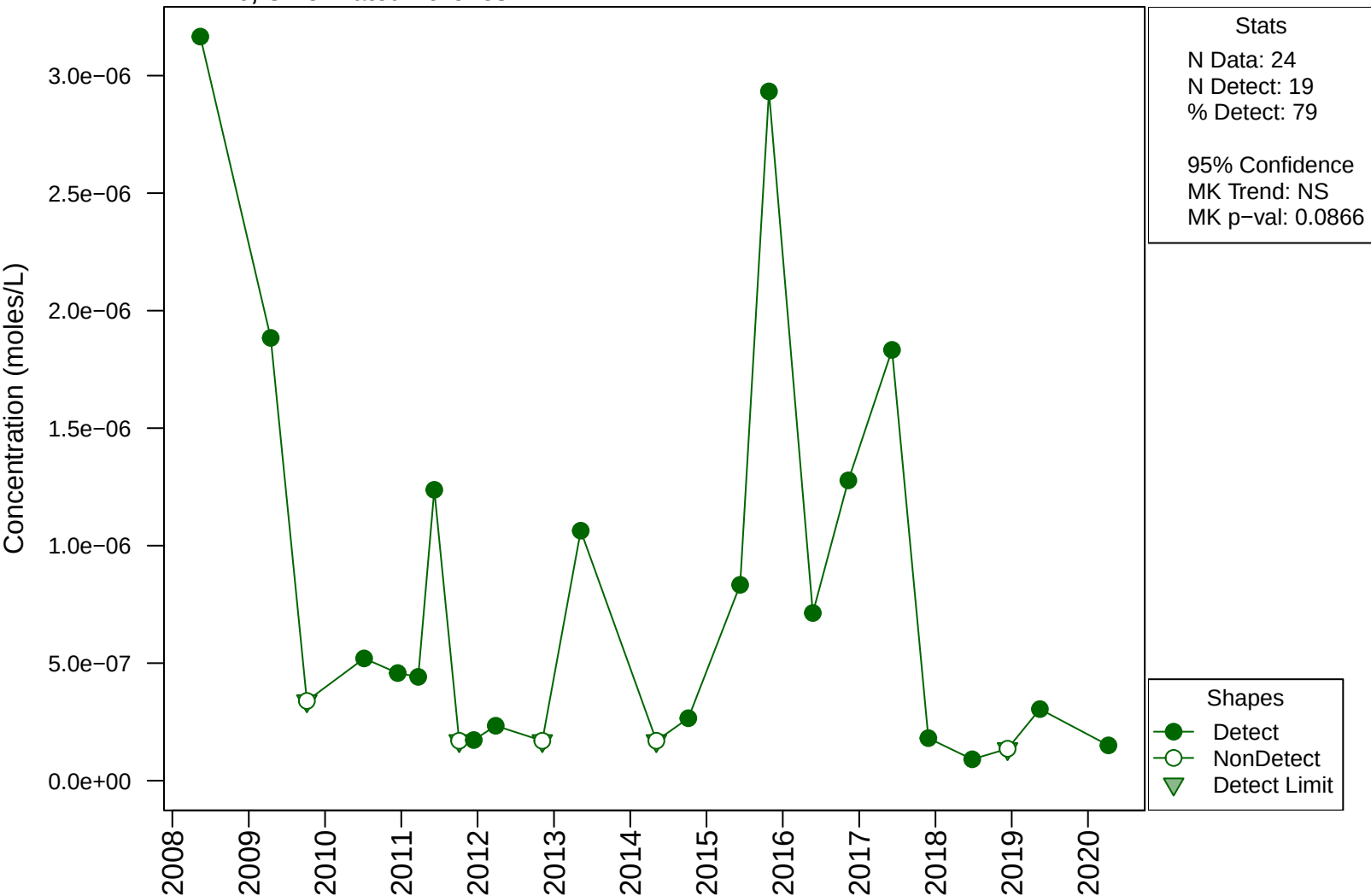
Lines

— Linear Fit

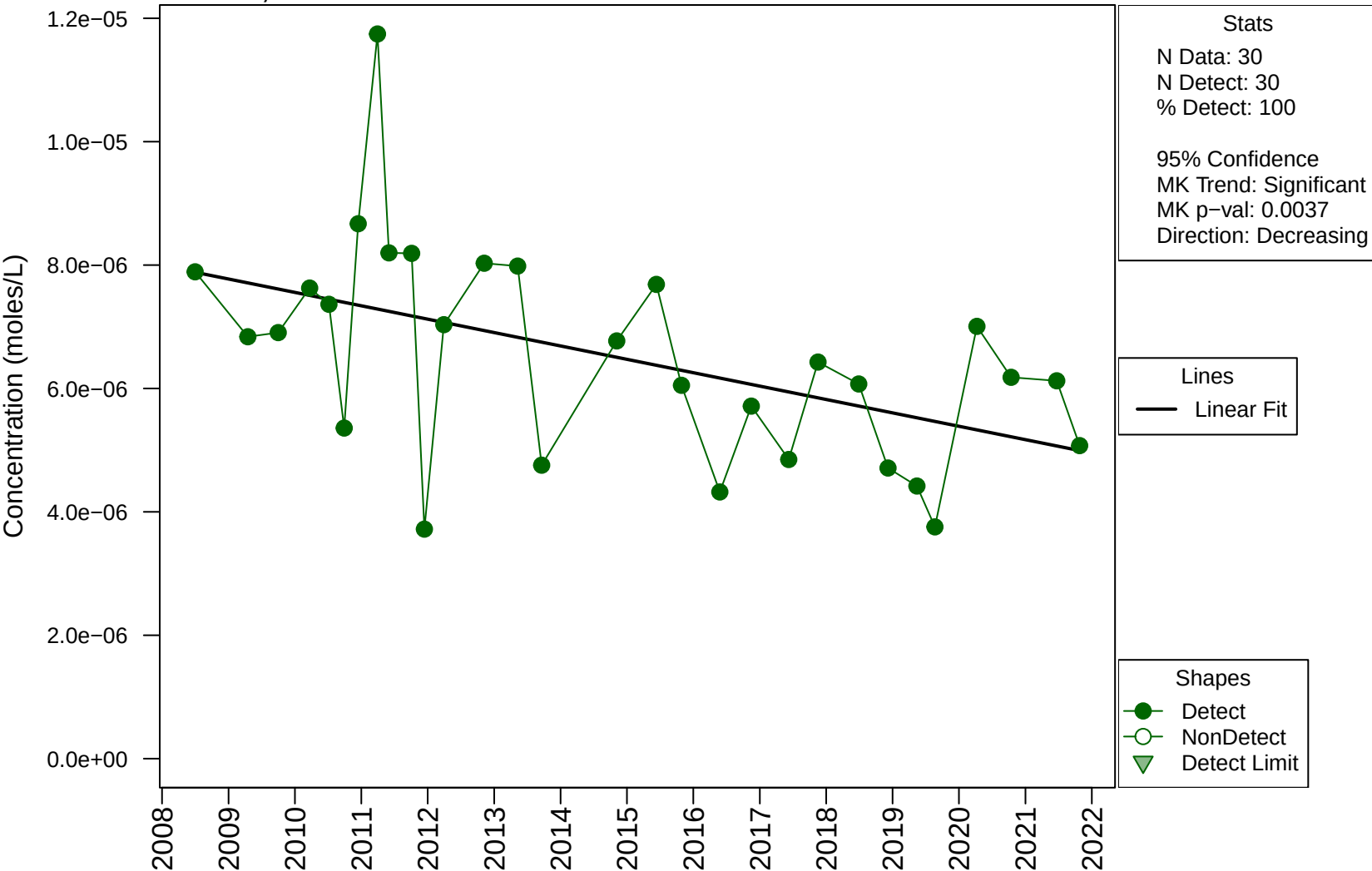
Shapes

● Detect
○ NonDetect
▼ Detect Limit

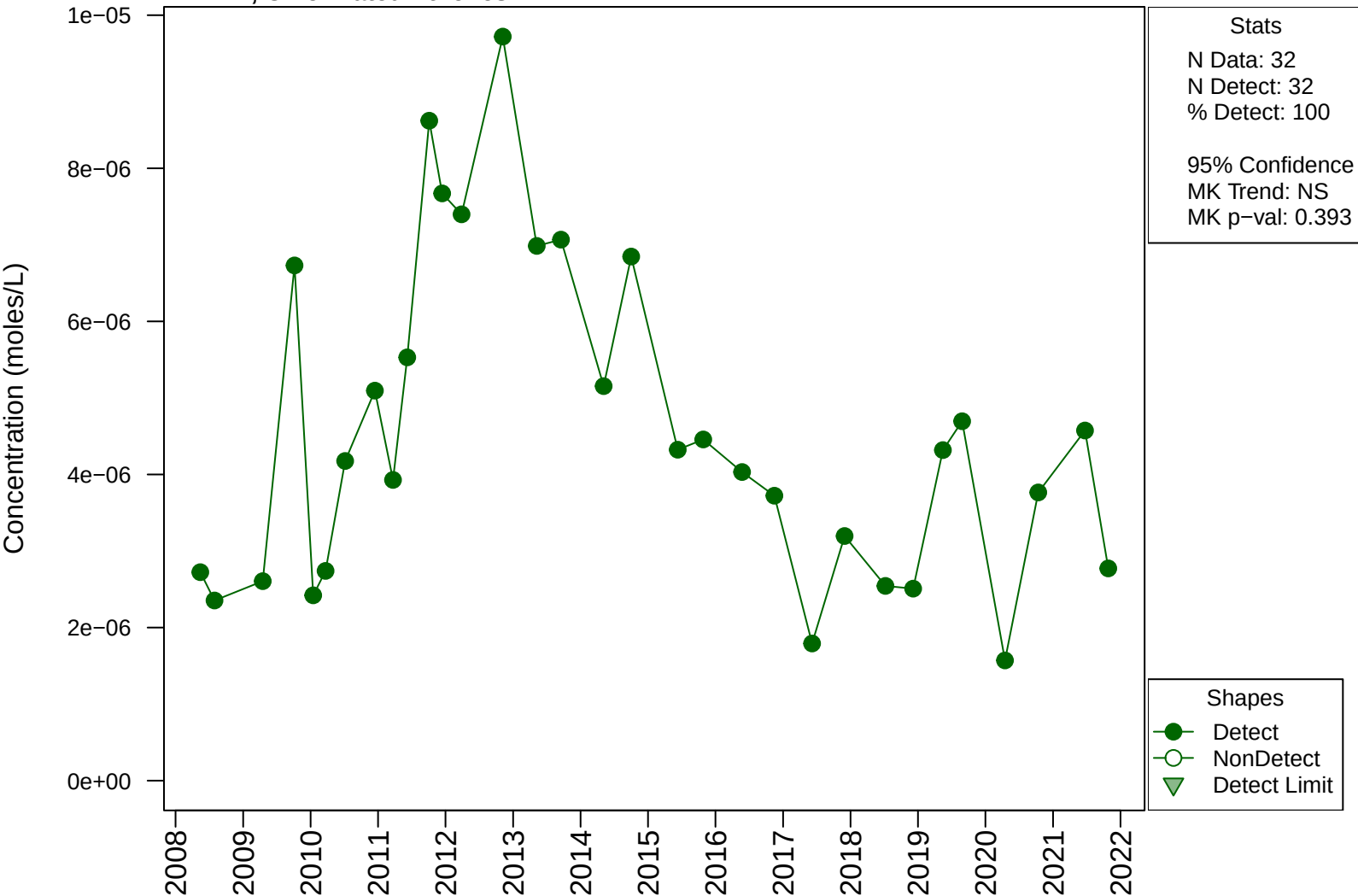
Scatterplots and Trend Analysis MW-10, Chlorinated Ethenes



Scatterplots and Trend Analysis MW-11A, Chlorinated Ethenes

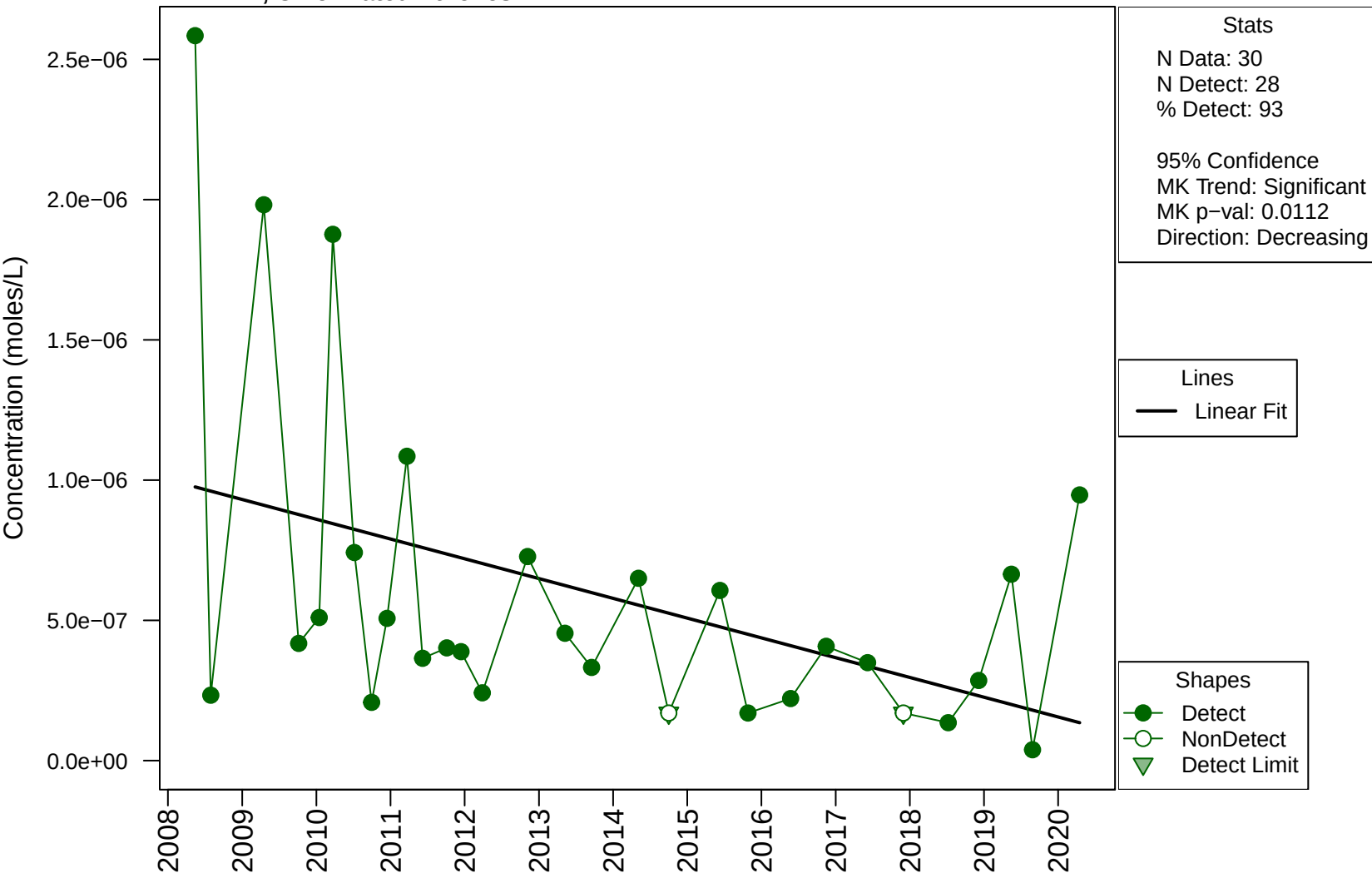


Scatterplots and Trend Analysis MW-14, Chlorinated Ethenes



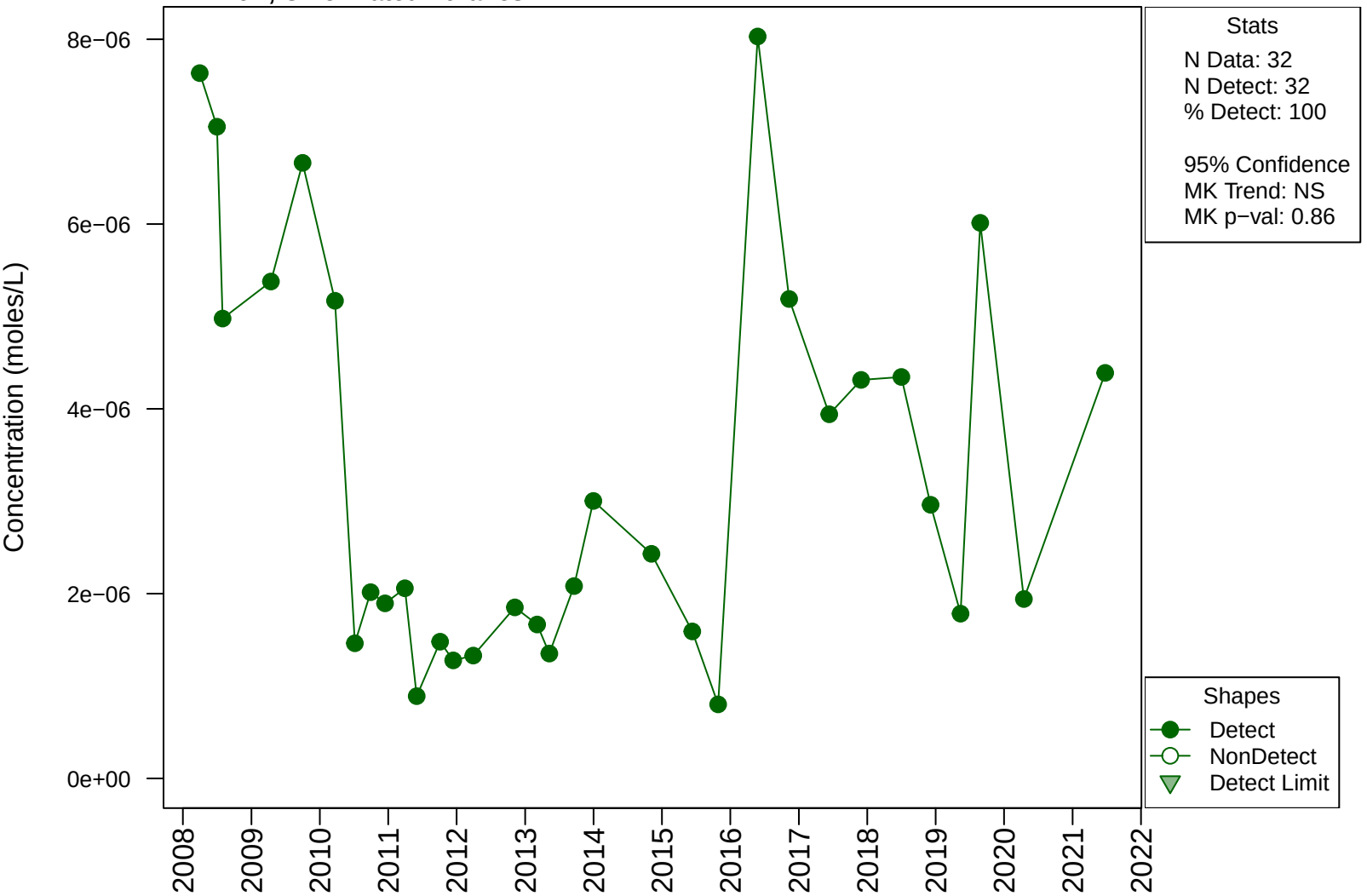
Scatterplots and Trend Analysis

MW-14A, Chlorinated Ethenes

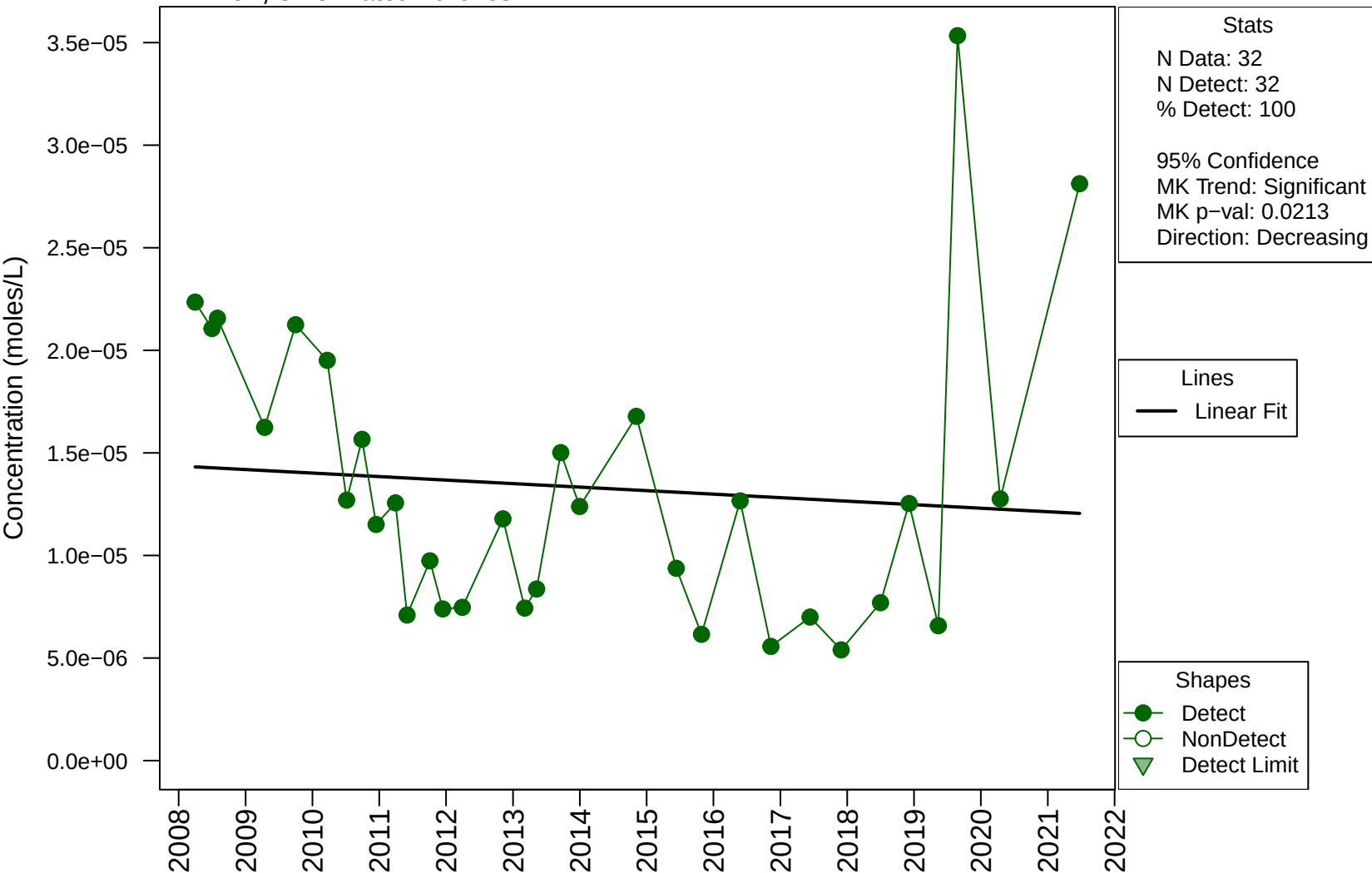


Scatterplots and Trend Analysis

MW-16A, Chlorinated Ethanes

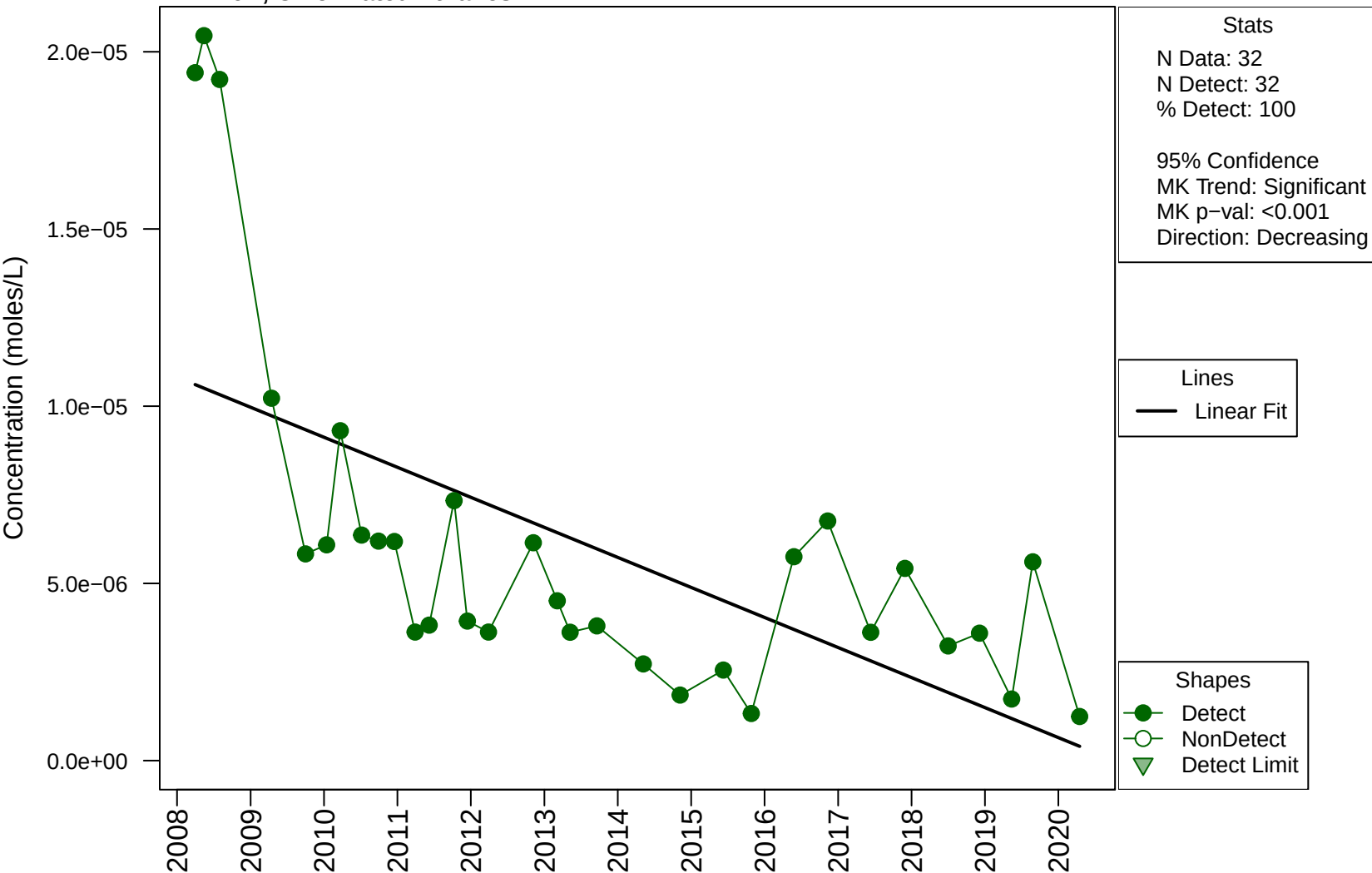


Scatterplots and Trend Analysis MW-16A, Chlorinated Ethenes



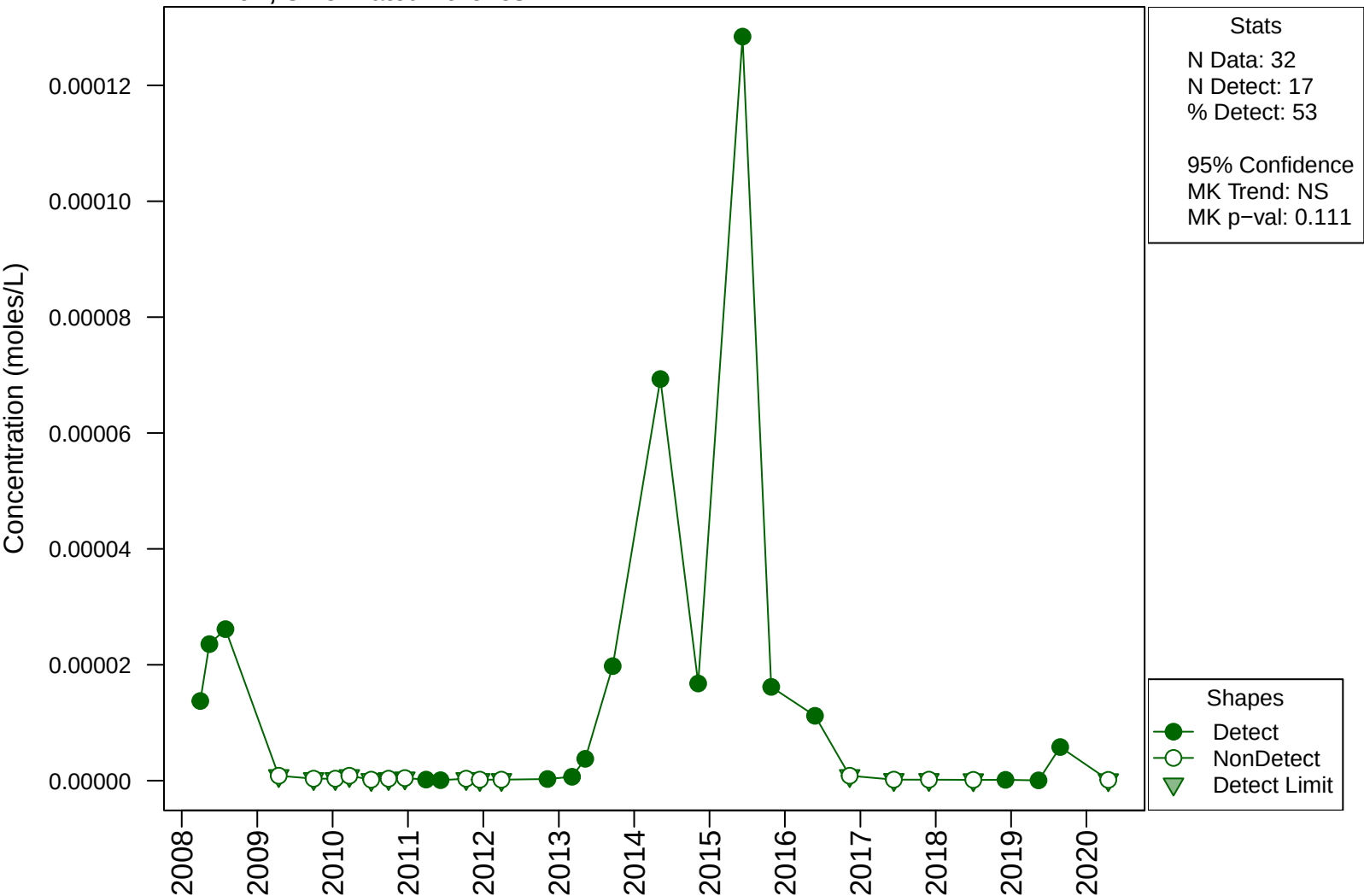
Scatterplots and Trend Analysis

MW-16R, Chlorinated Ethanes



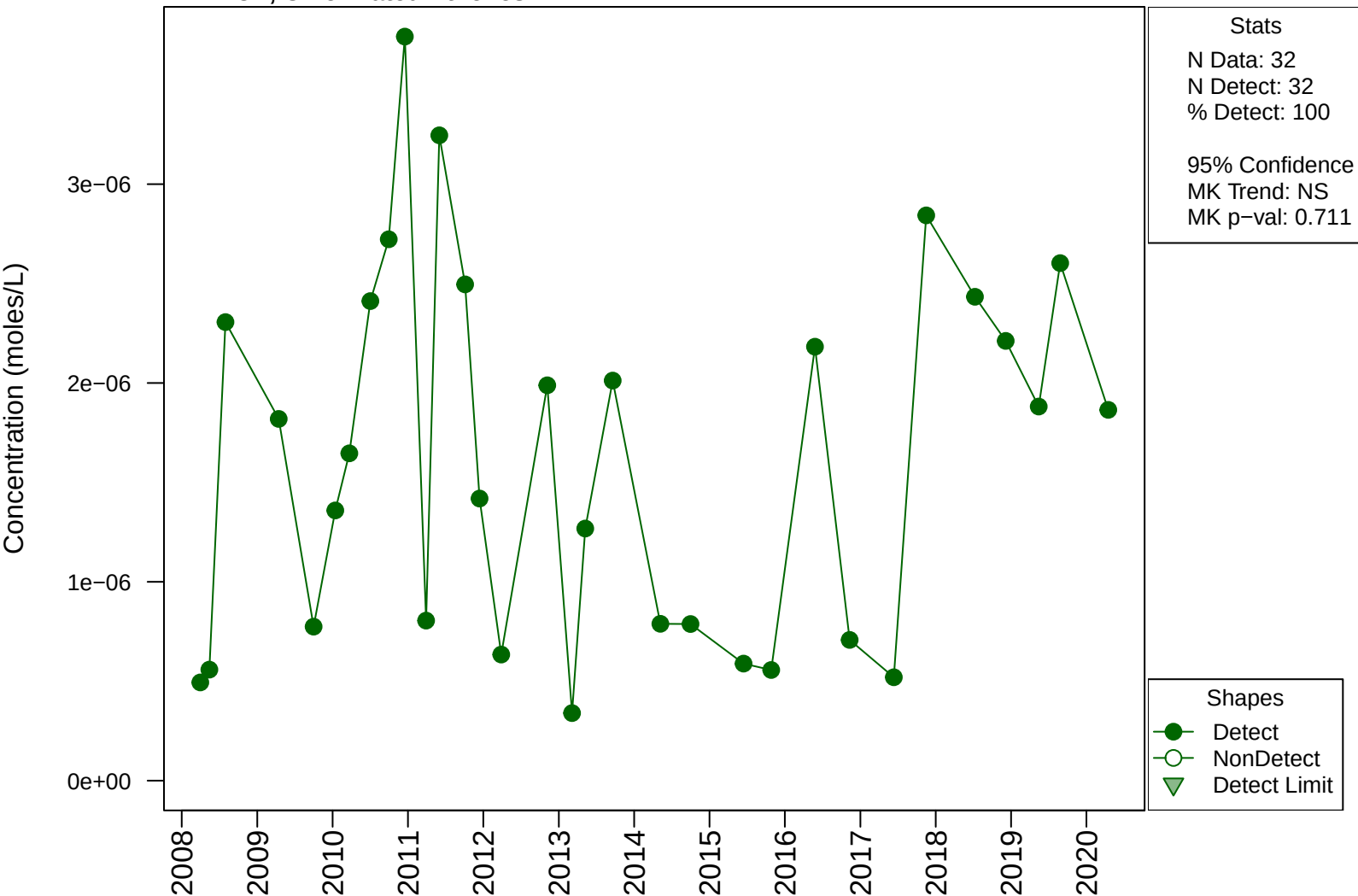
Scatterplots and Trend Analysis

MW-16R, Chlorinated Ethenes

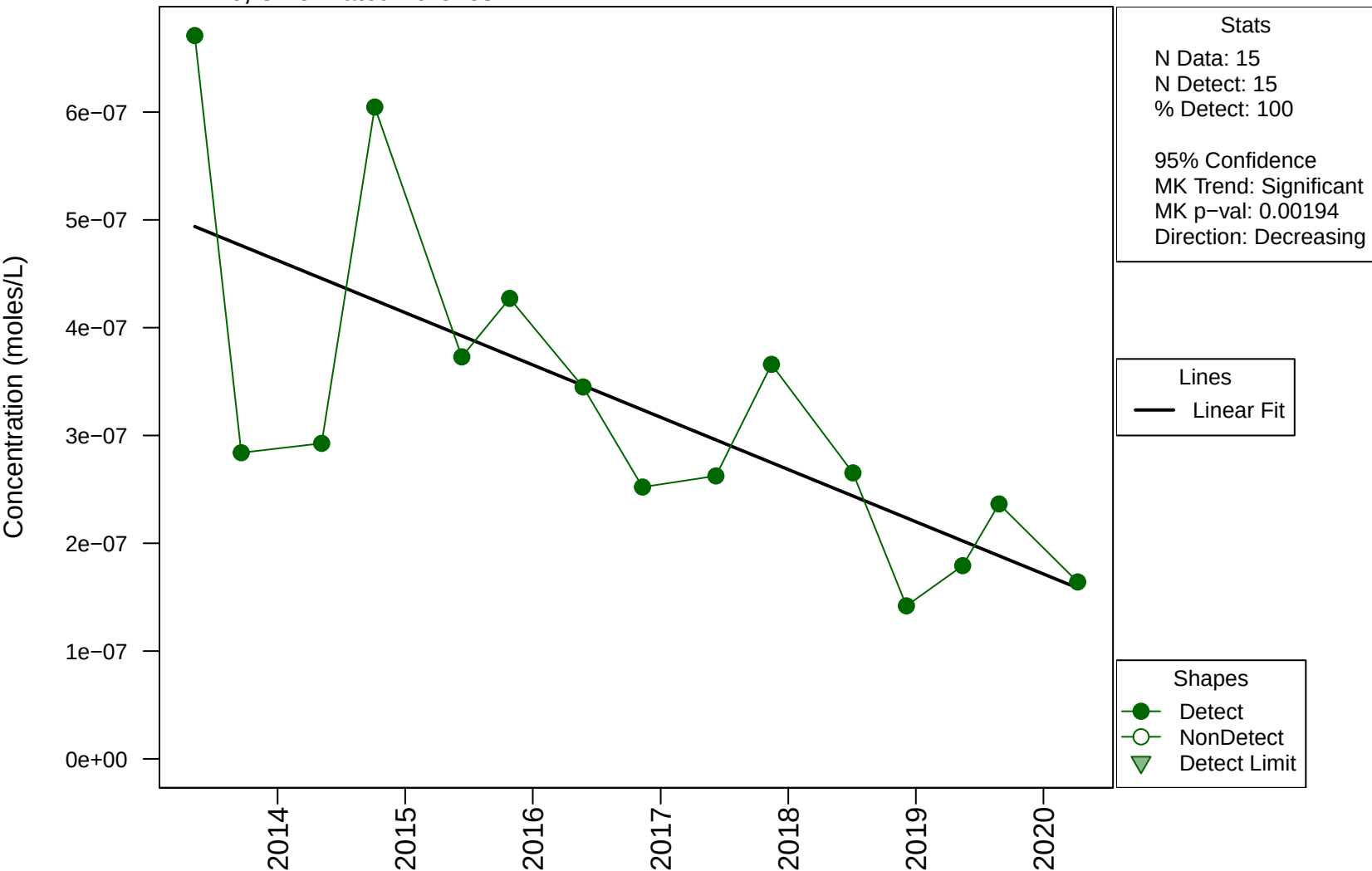


Scatterplots and Trend Analysis

MW-18A, Chlorinated Ethenes

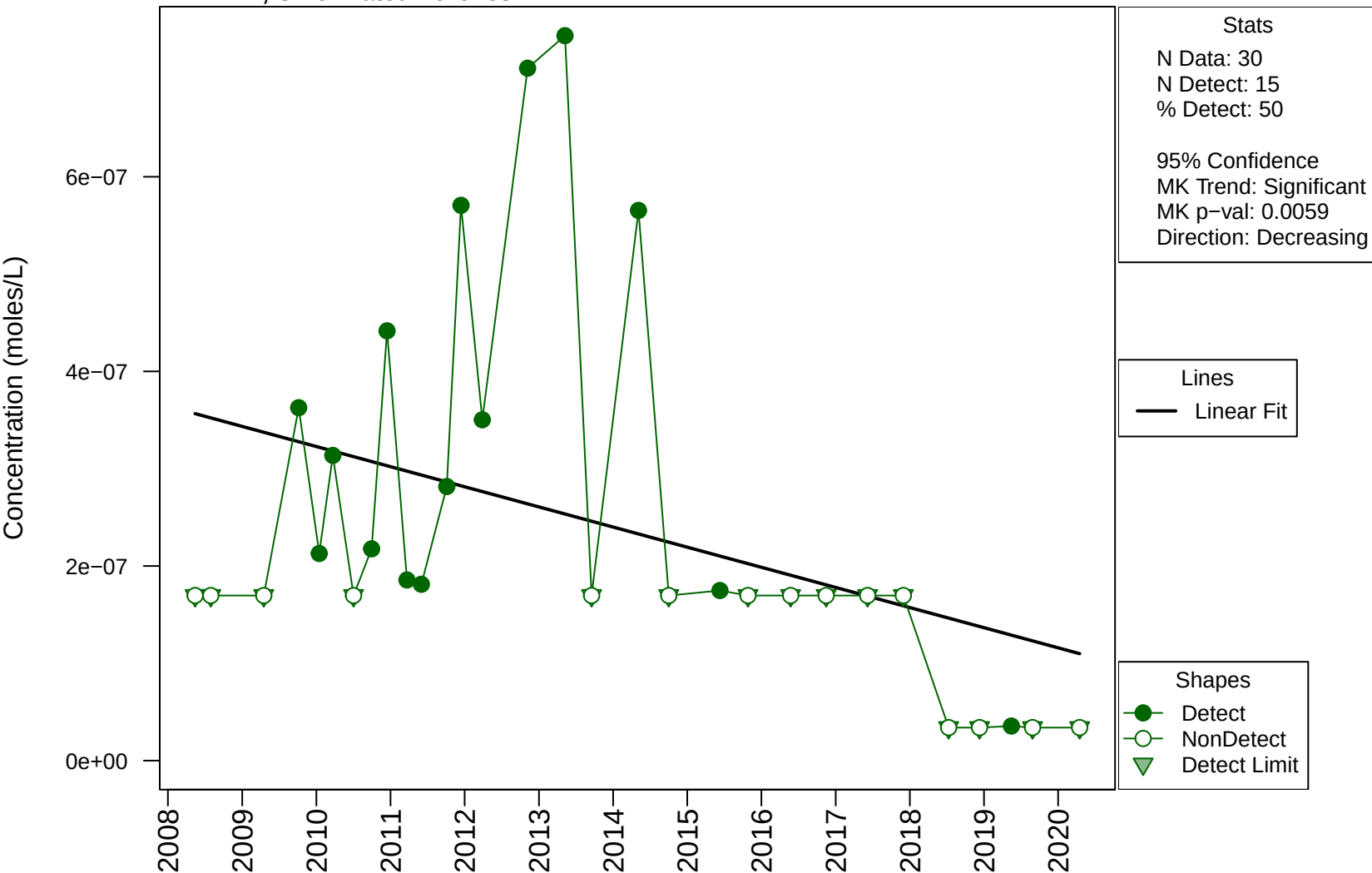


Scatterplots and Trend Analysis MW-19, Chlorinated Ethenes

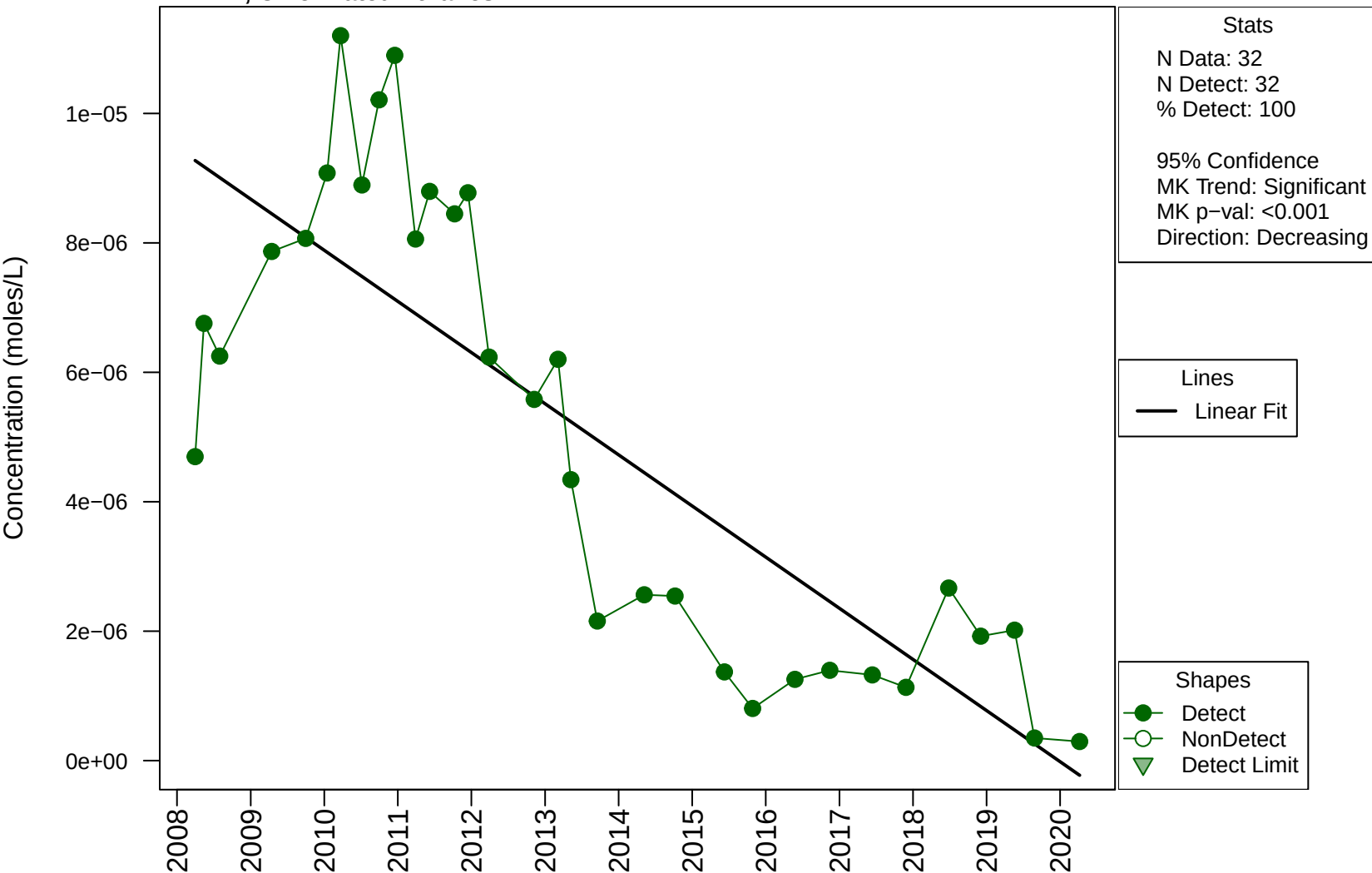


Scatterplots and Trend Analysis

MW-22A, Chlorinated Ethenes

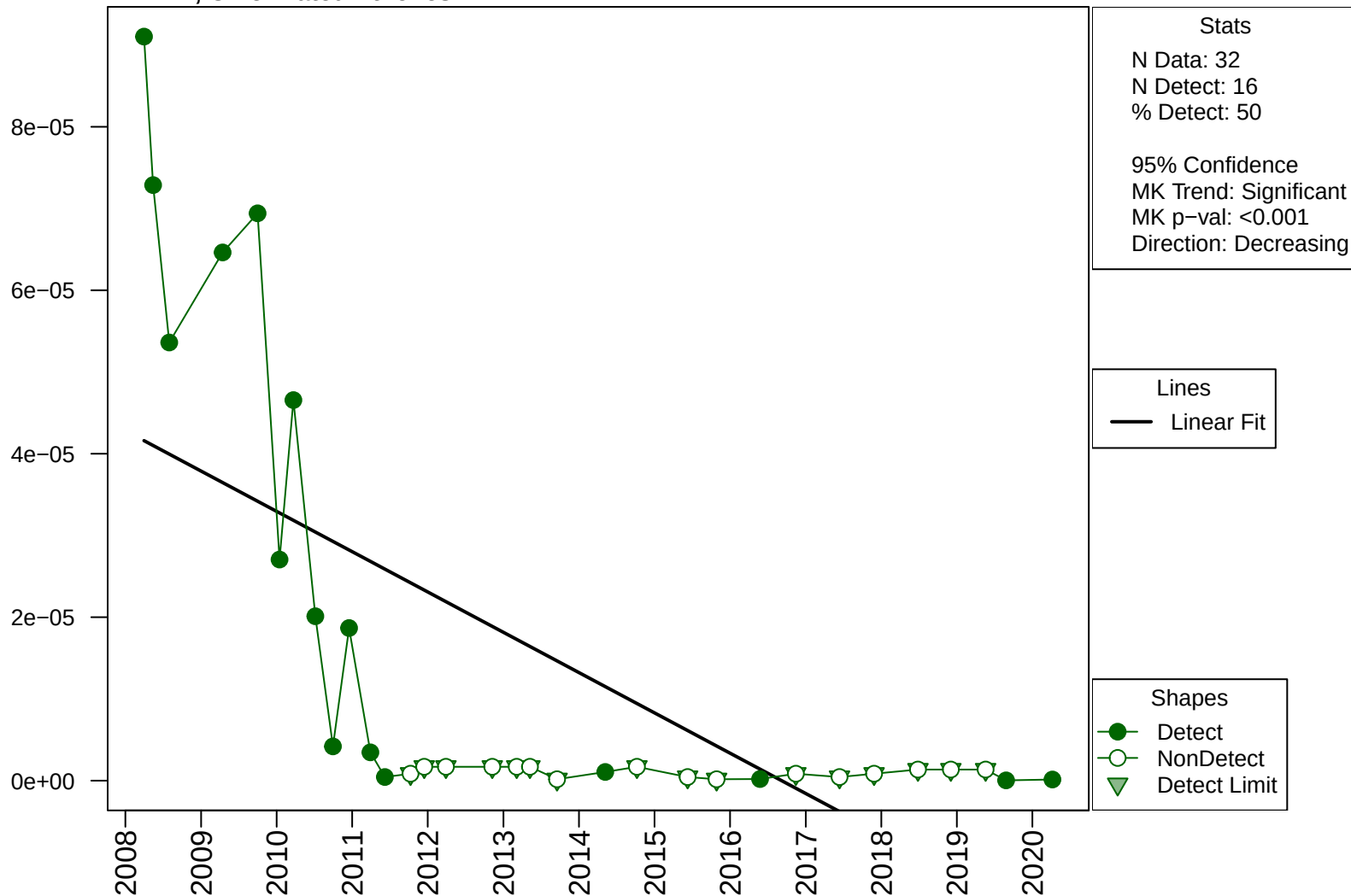


Scatterplots and Trend Analysis MW-24, Chlorinated Ethanes

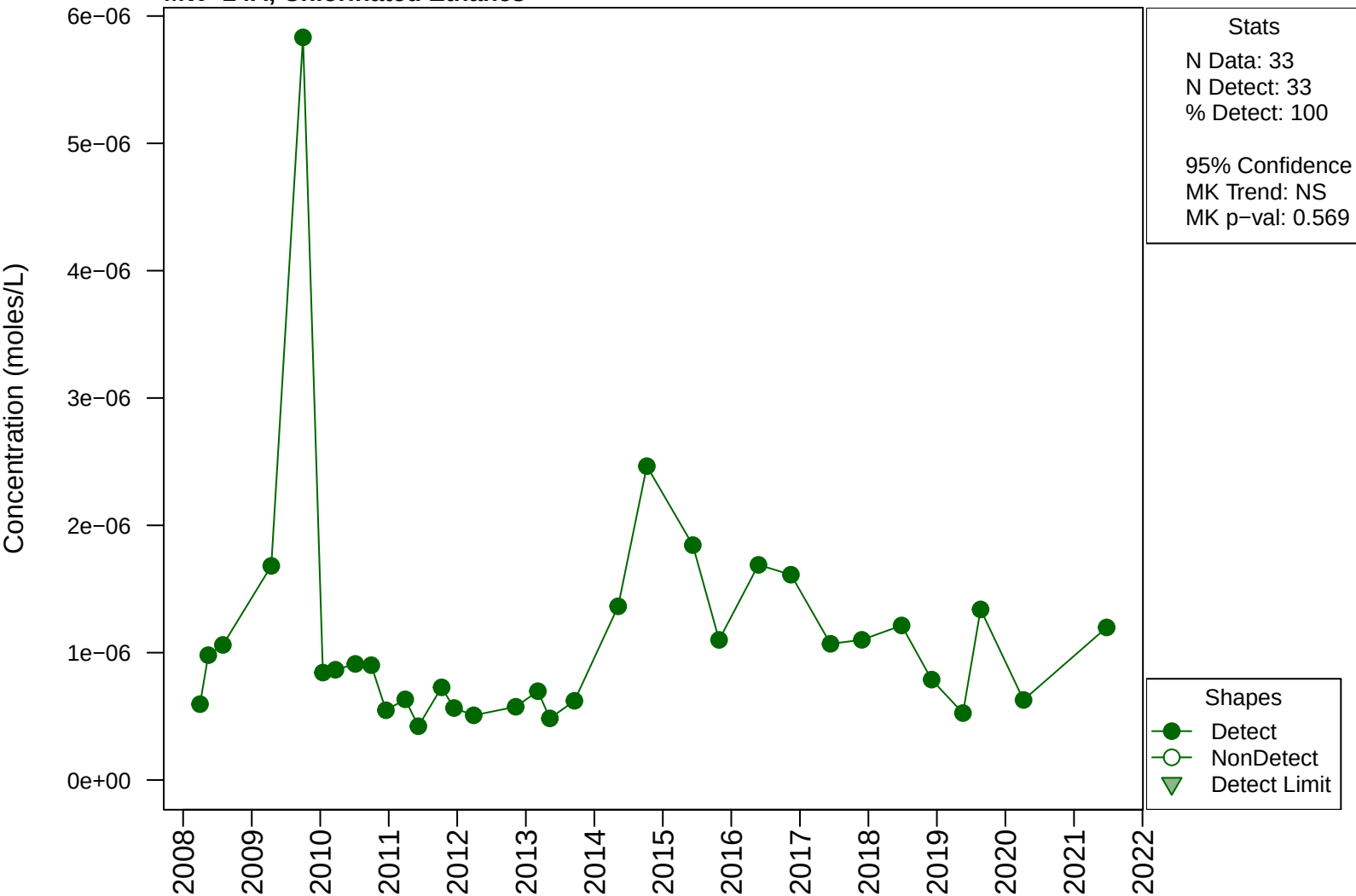


Scatterplots and Trend Analysis MW-24, Chlorinated Ethenes

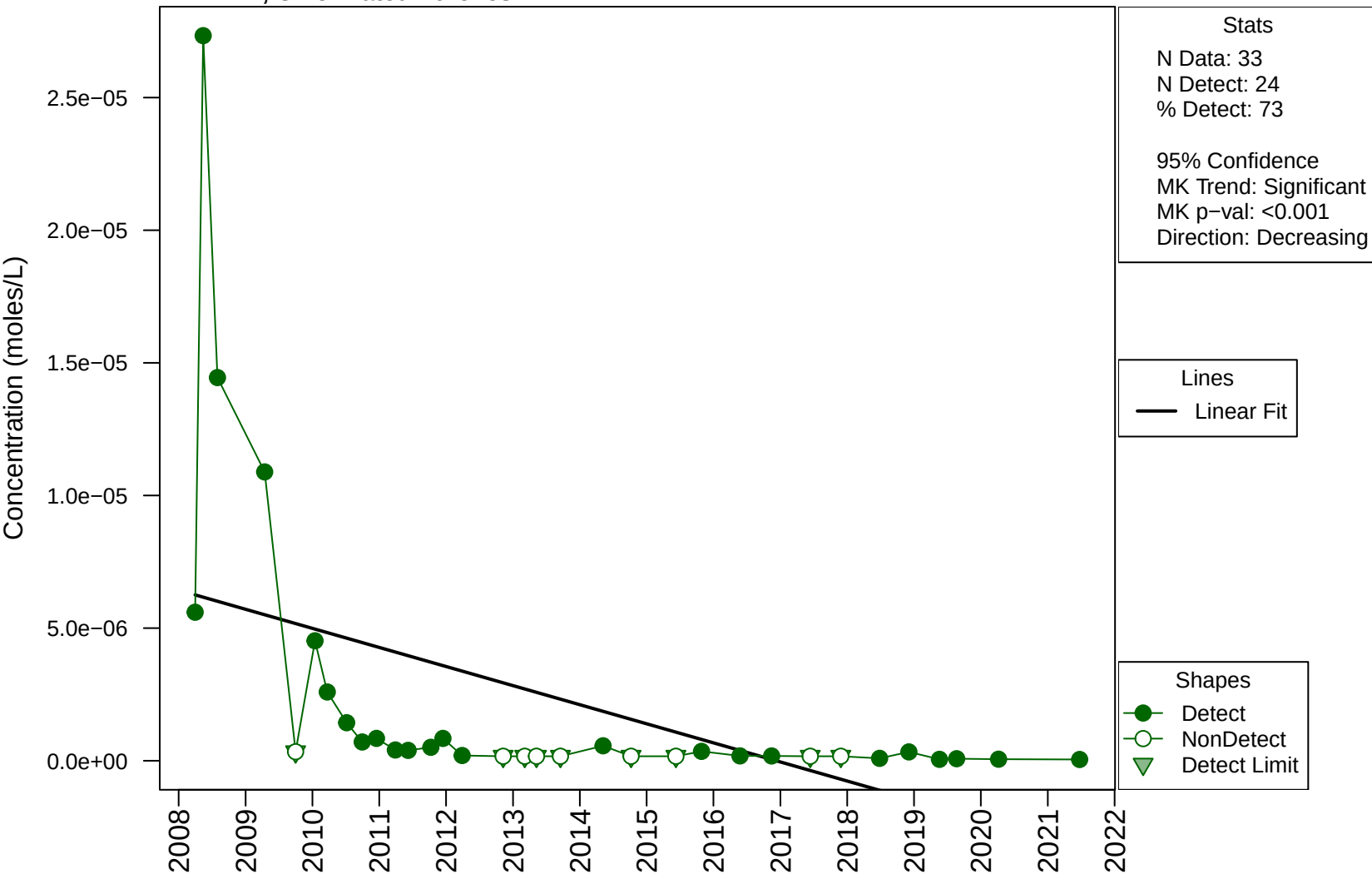
Concentration (moles/L)



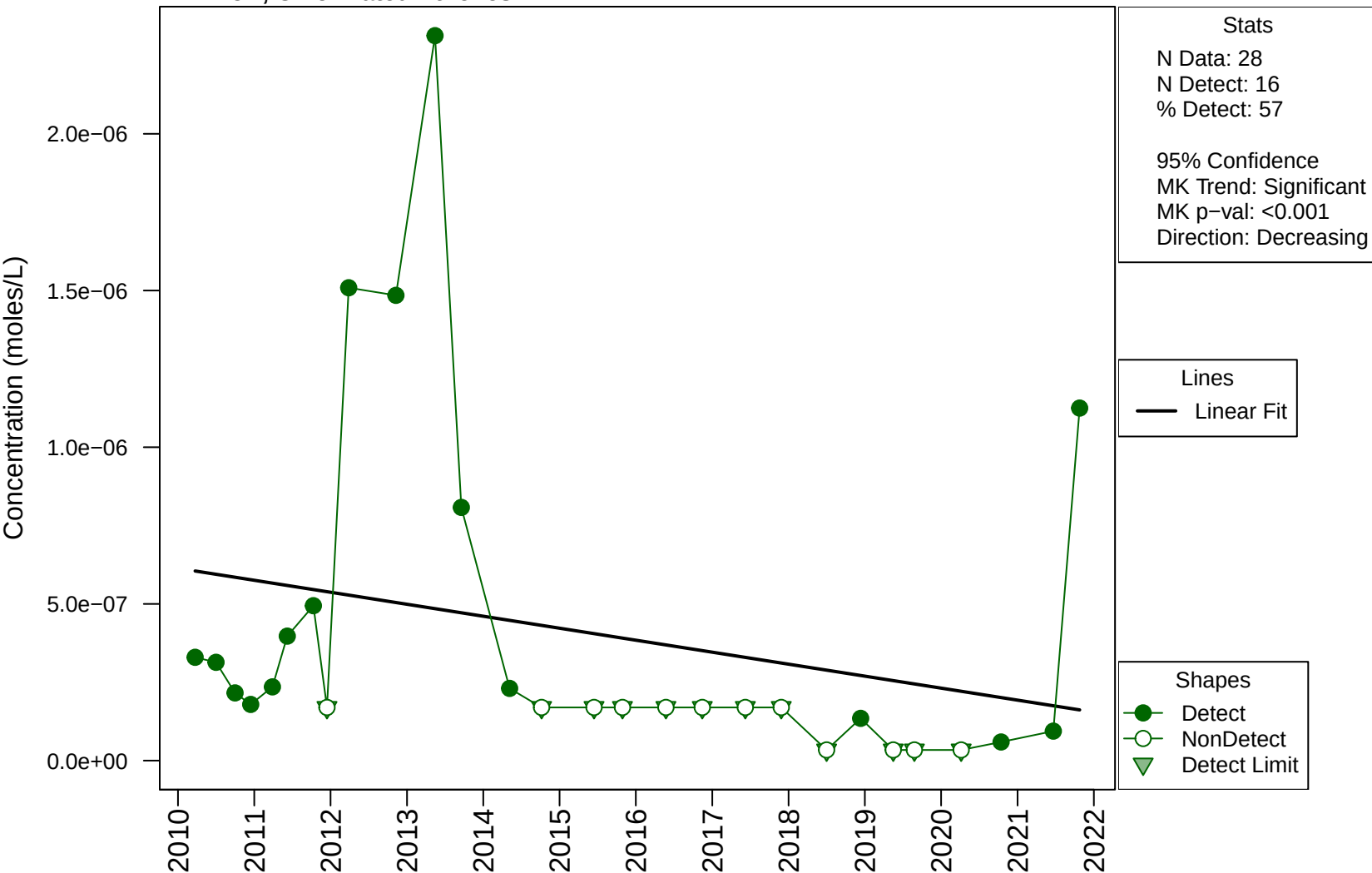
Scatterplots and Trend Analysis MW-24A, Chlorinated Ethanes



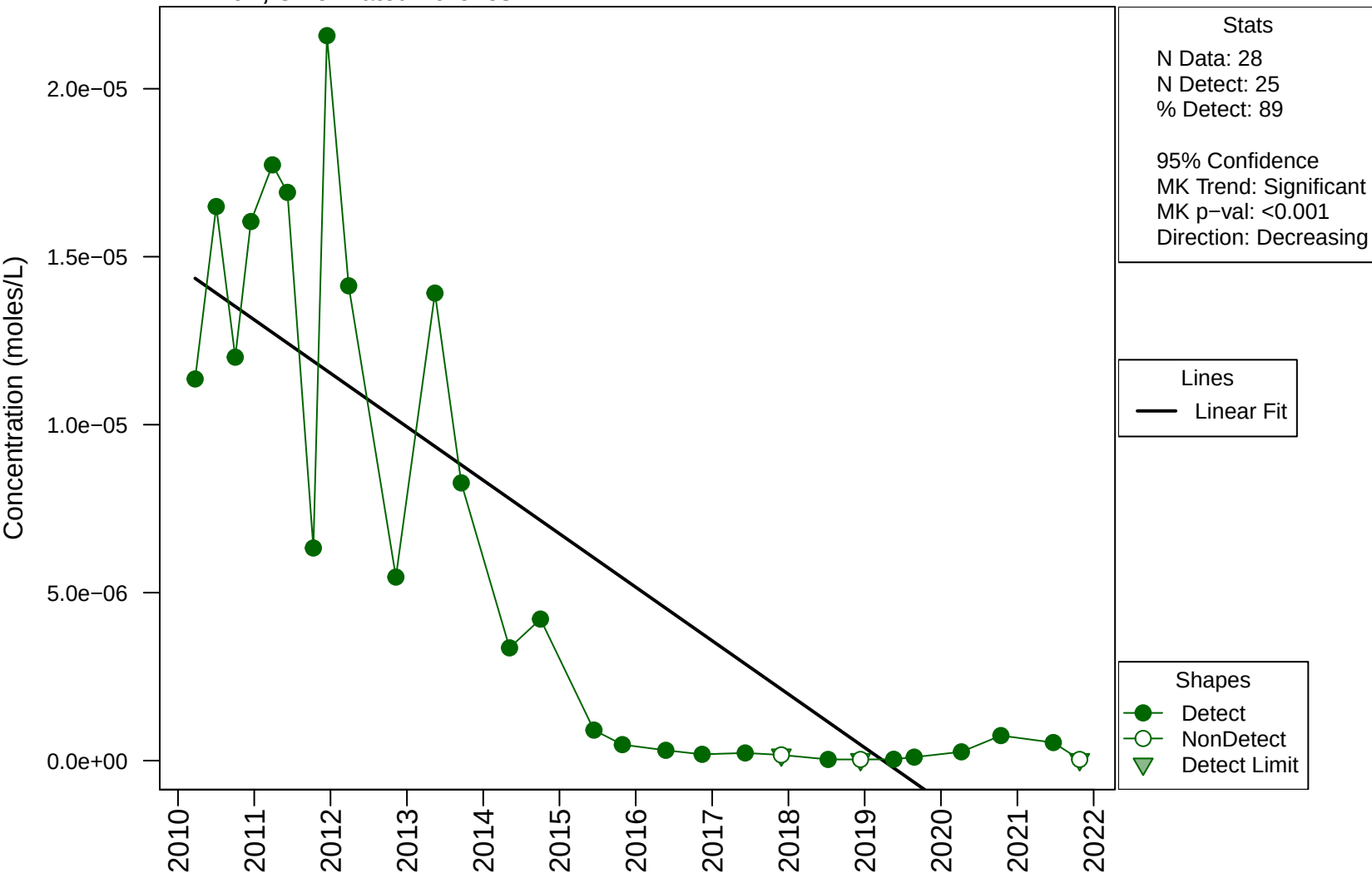
Scatterplots and Trend Analysis MW-24A, Chlorinated Ethenes



Scatterplots and Trend Analysis MW-25A, Chlorinated Ethenes



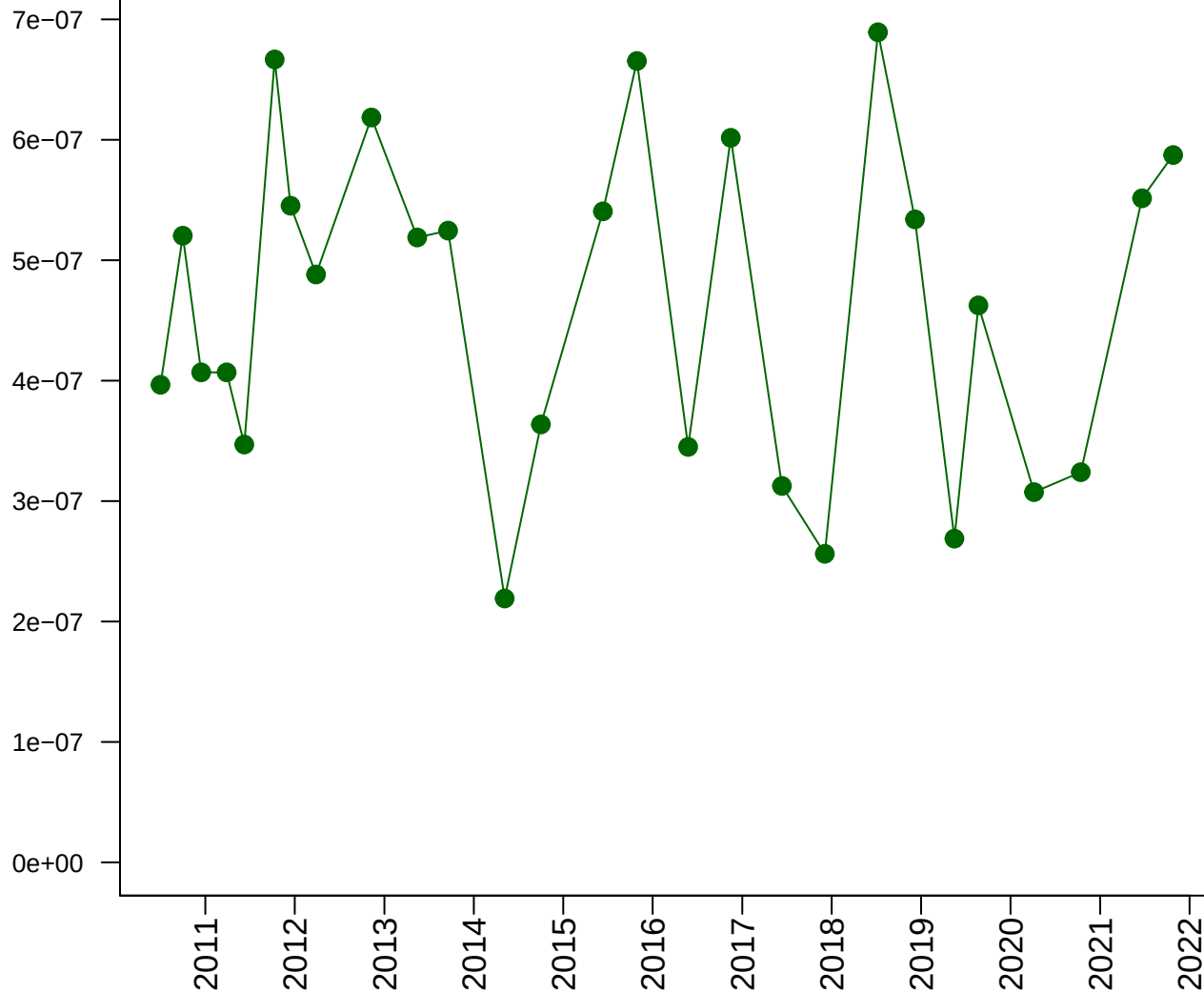
Scatterplots and Trend Analysis MW-26A, Chlorinated Ethenes



Scatterplots and Trend Analysis

MW-28, Chlorinated Ethenes

Concentration (moles/L)



Stats

N Data: 27

N Detect: 27

% Detect: 100

95% Confidence

MK Trend: NS

MK p-val: 0.835

Shapes



Detect



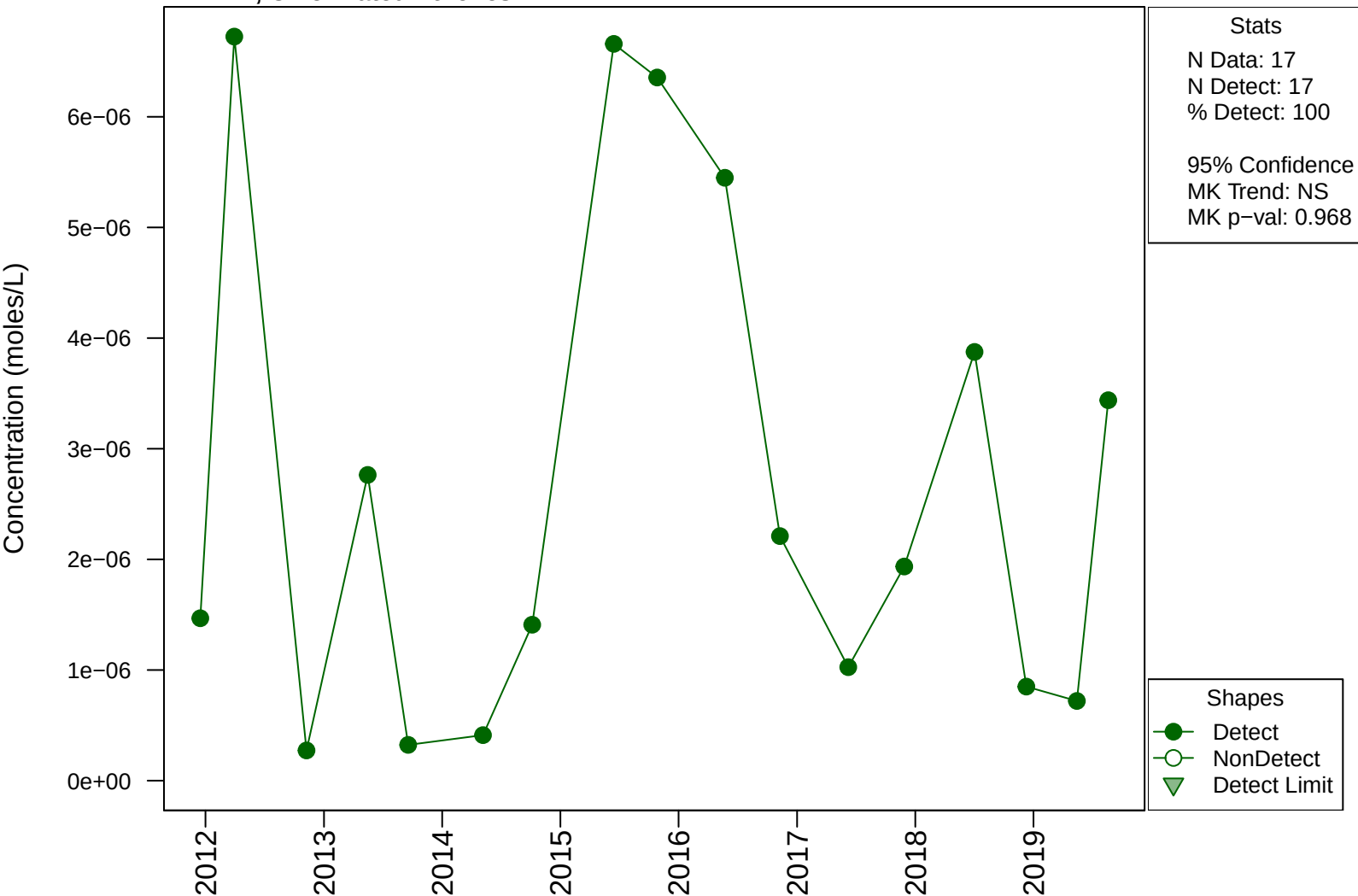
NonDetect



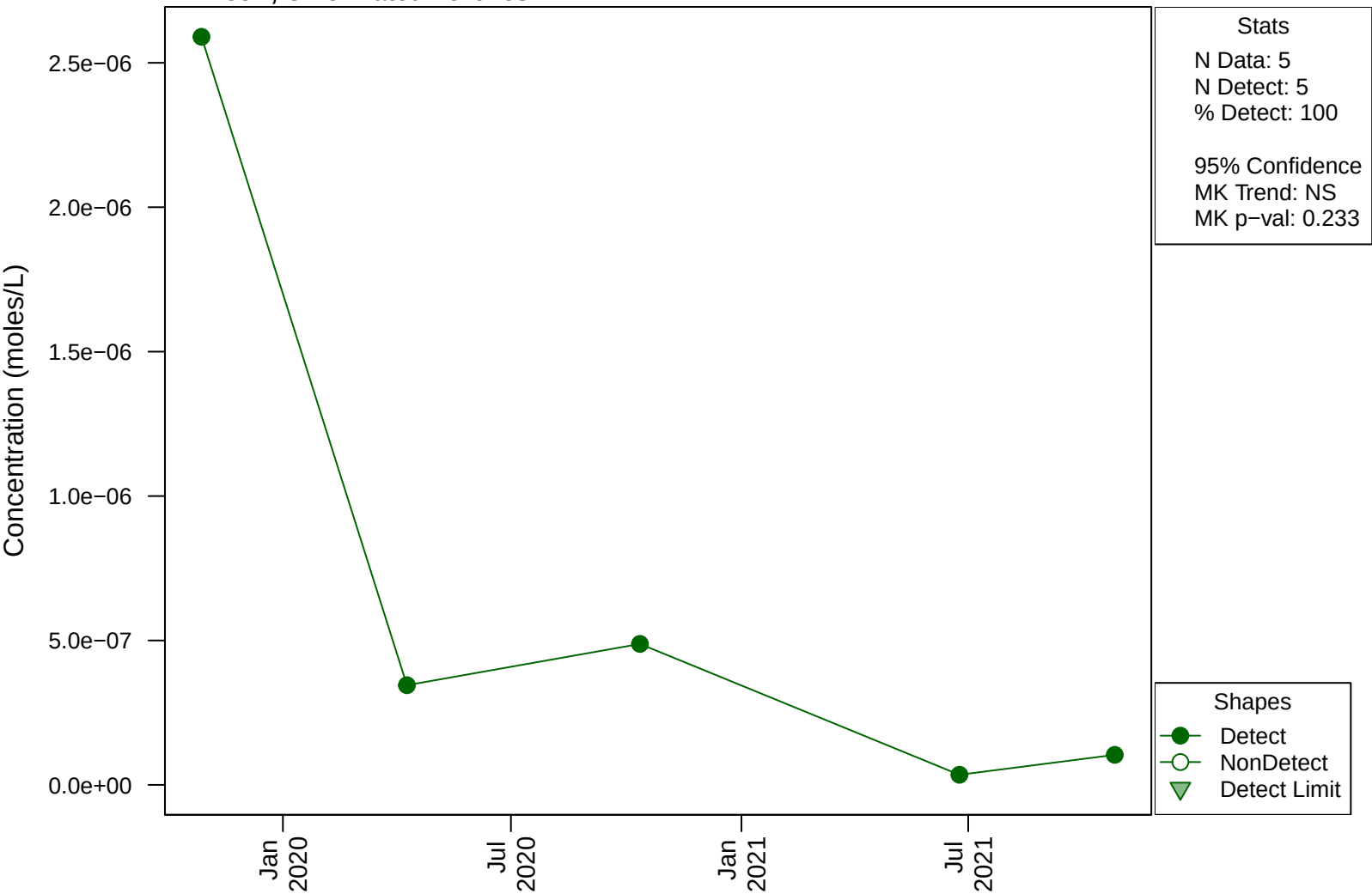
Detect Limit

Scatterplots and Trend Analysis

MW-2A, Chlorinated Ethenes

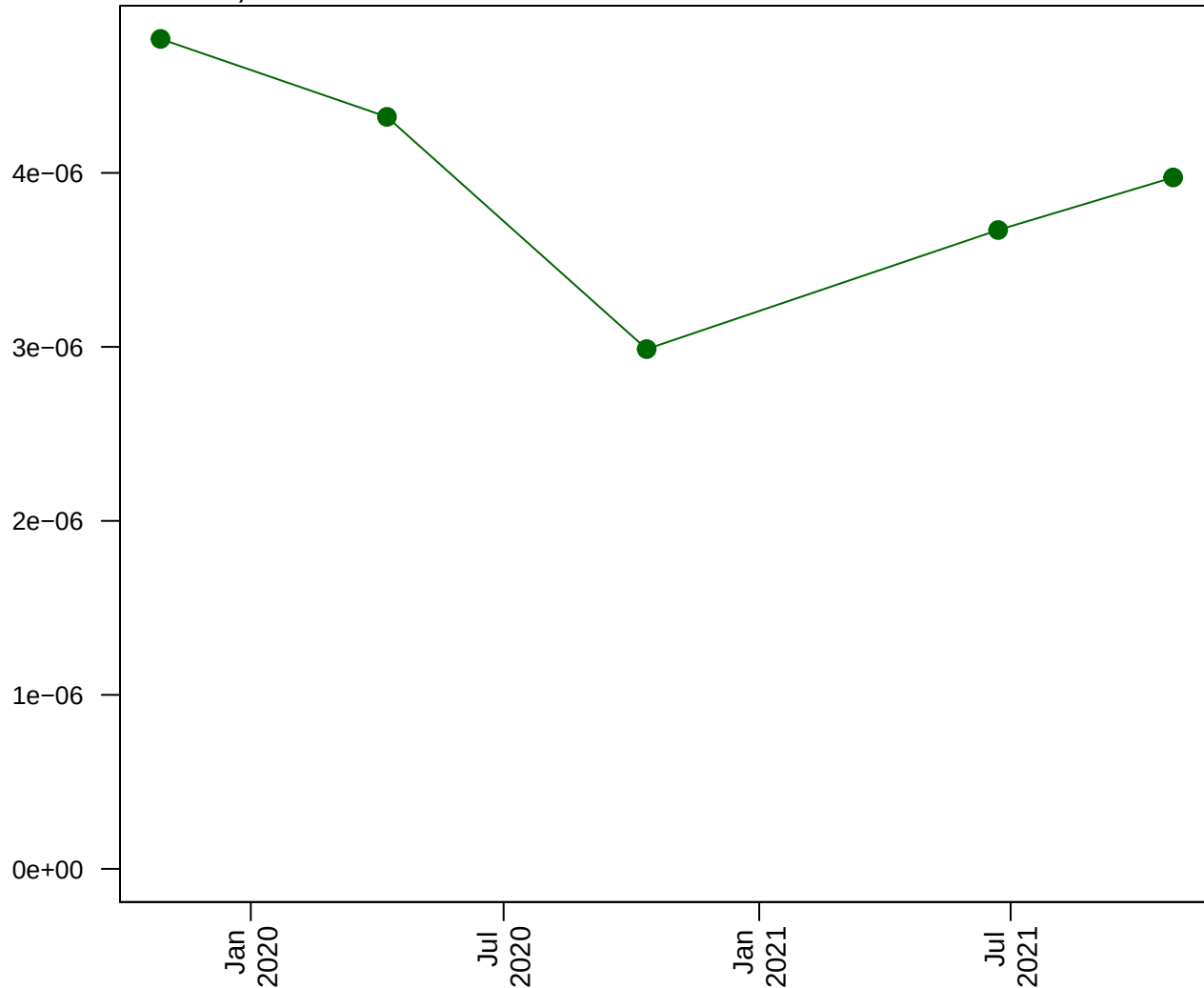


Scatterplots and Trend Analysis MW-33A, Chlorinated Ethenes



Scatterplots and Trend Analysis MW-34A, Chlorinated Ethenes

Concentration (moles/L)



Stats

N Data: 5

N Detect: 5

% Detect: 100

95% Confidence

MK Trend: NS

MK p-val: 0.483

Shapes



Detect



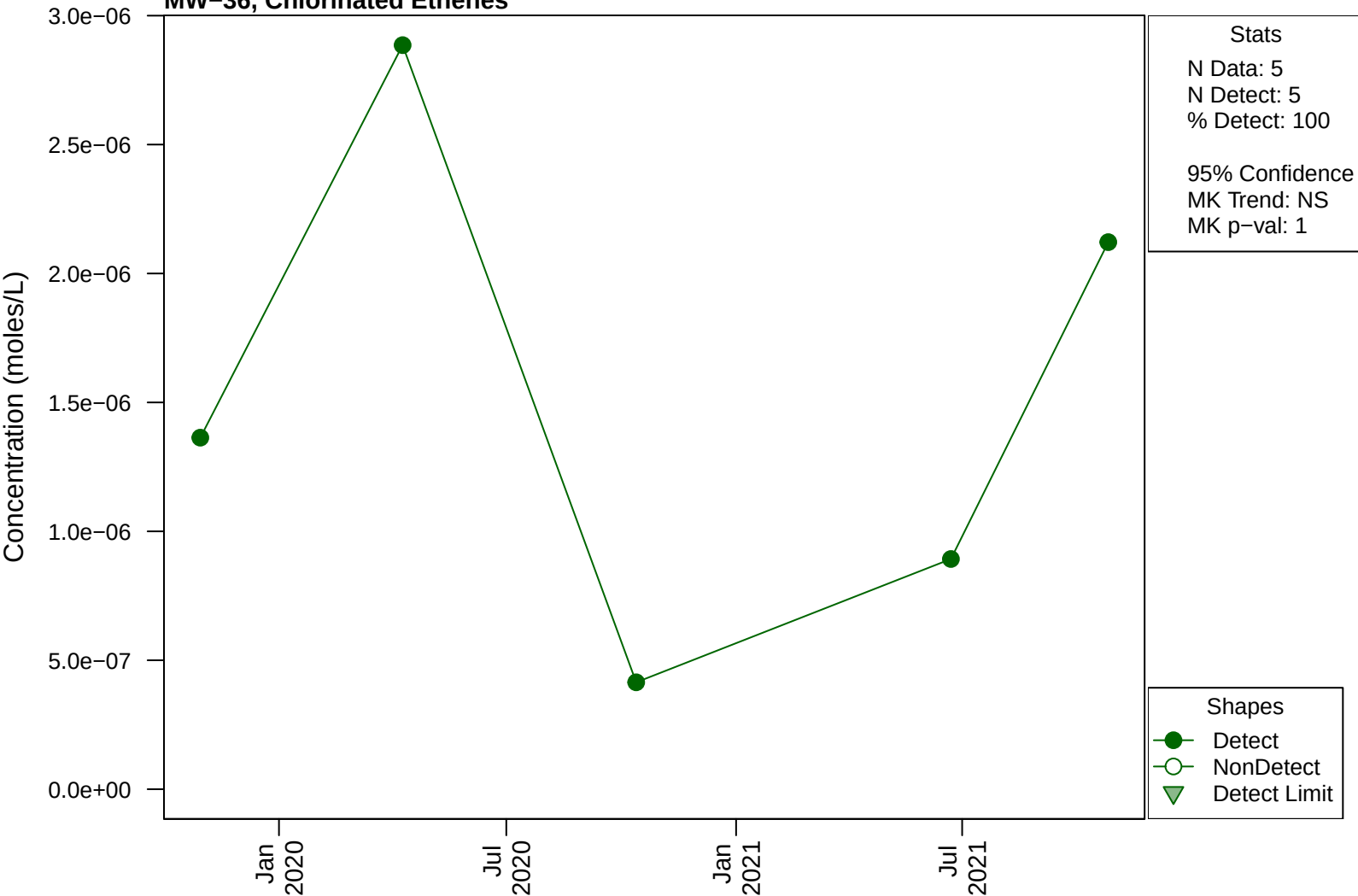
NonDetect



Detect Limit

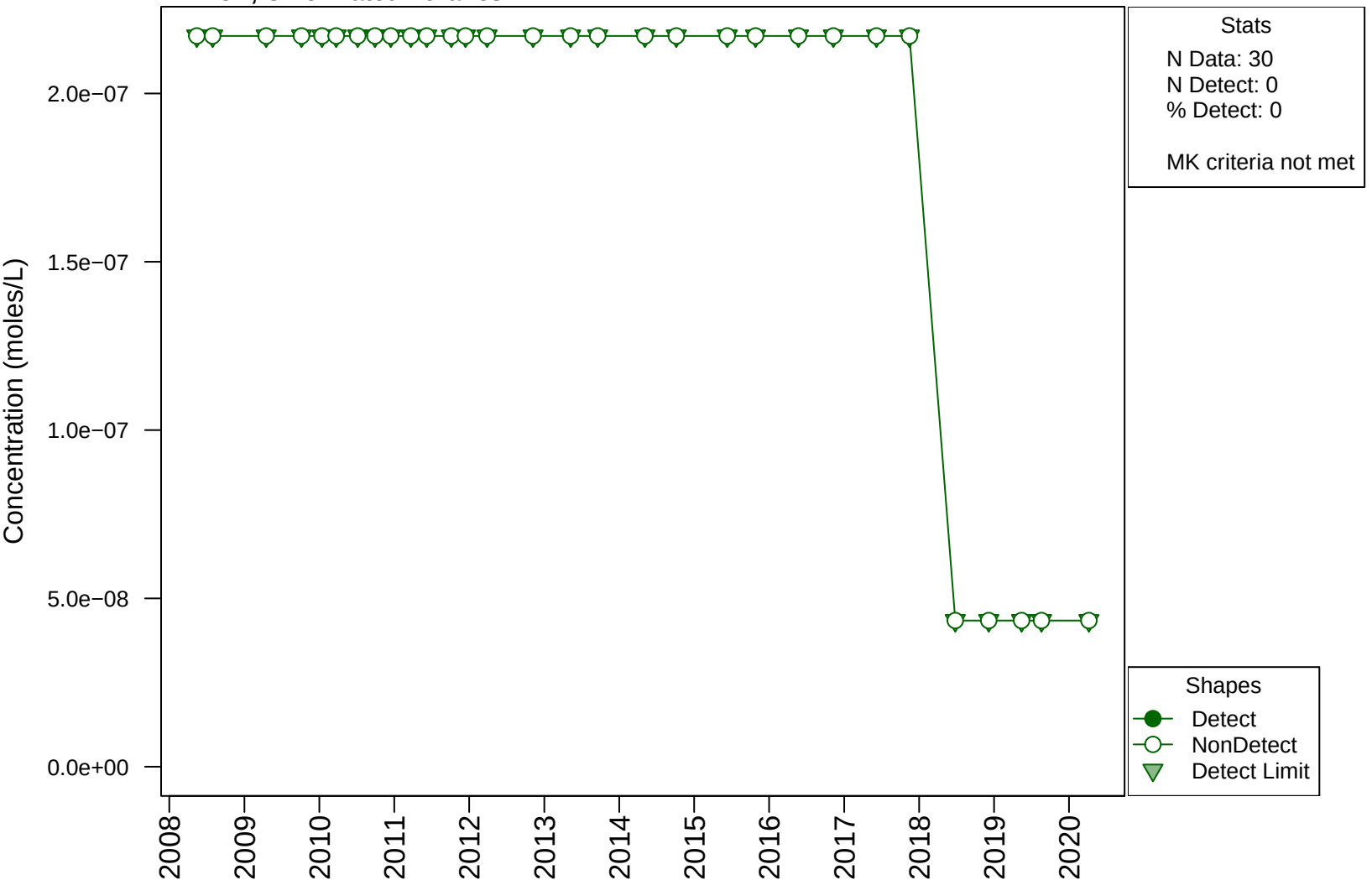
Scatterplots and Trend Analysis

MW-36, Chlorinated Ethenes



Scatterplots and Trend Analysis

MW-5A, Chlorinated Ethanes



Scatterplots and Trend Analysis MW-5A, Chlorinated Ethenes

Concentration (moles/L)

4e-07
3e-07
2e-07
1e-07
0e+00

2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020

Stats

N Data: 30
N Detect: 15
% Detect: 50

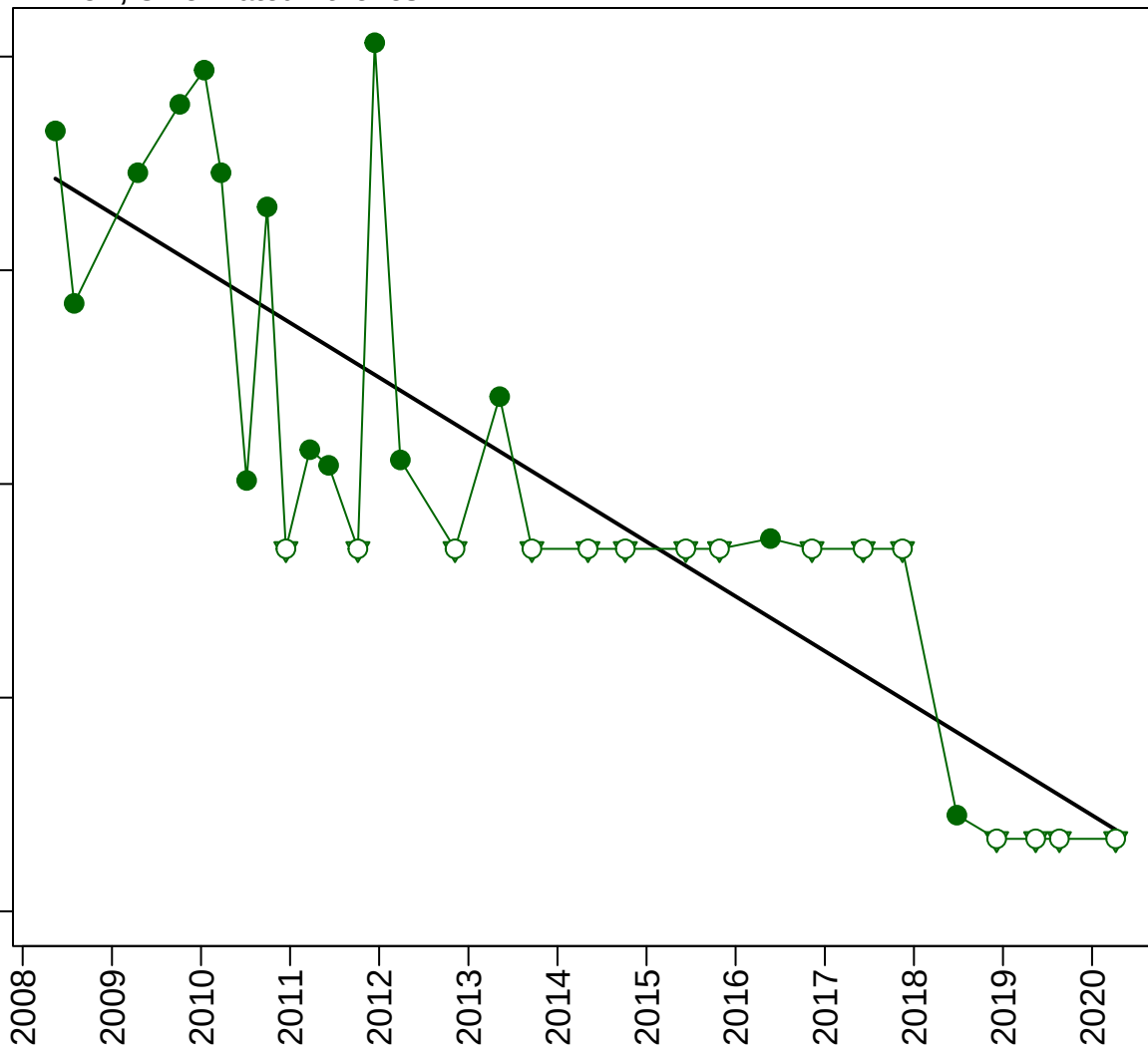
95% Confidence
MK Trend: Significant
MK p-val: <0.001
Direction: Decreasing

Lines

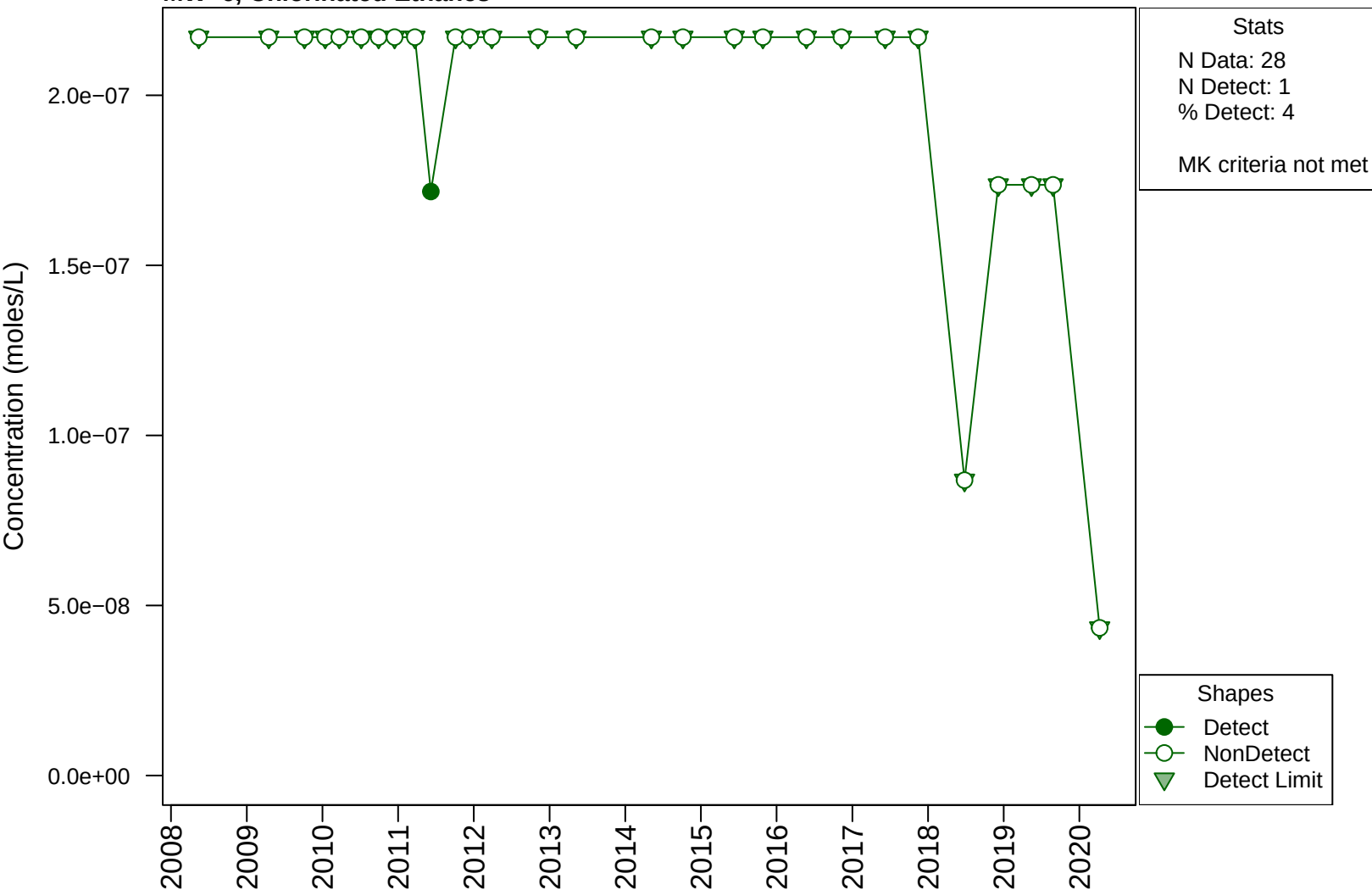
— Linear Fit

Shapes

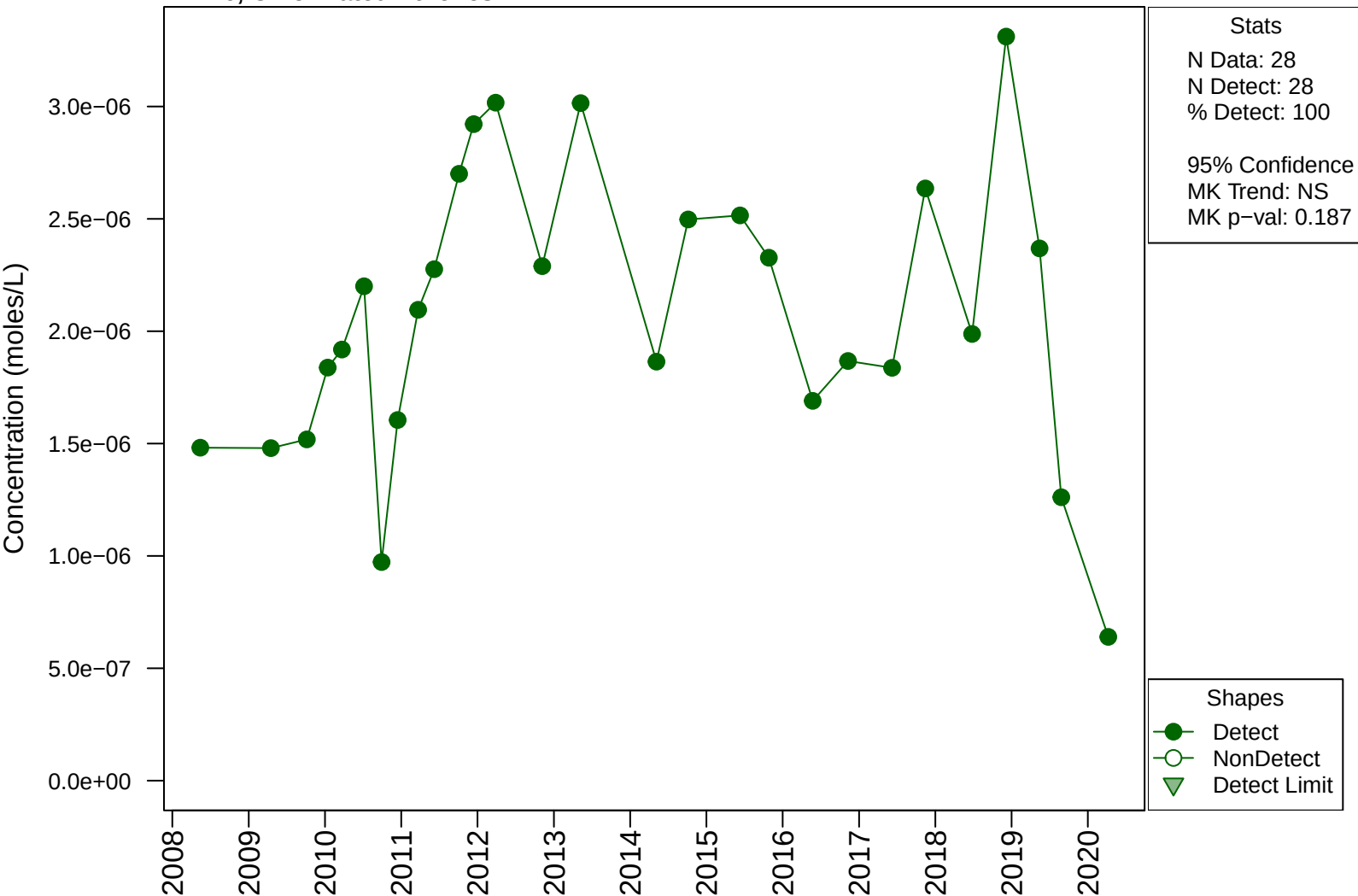
● Detect
○ NonDetect
▼ Detect Limit



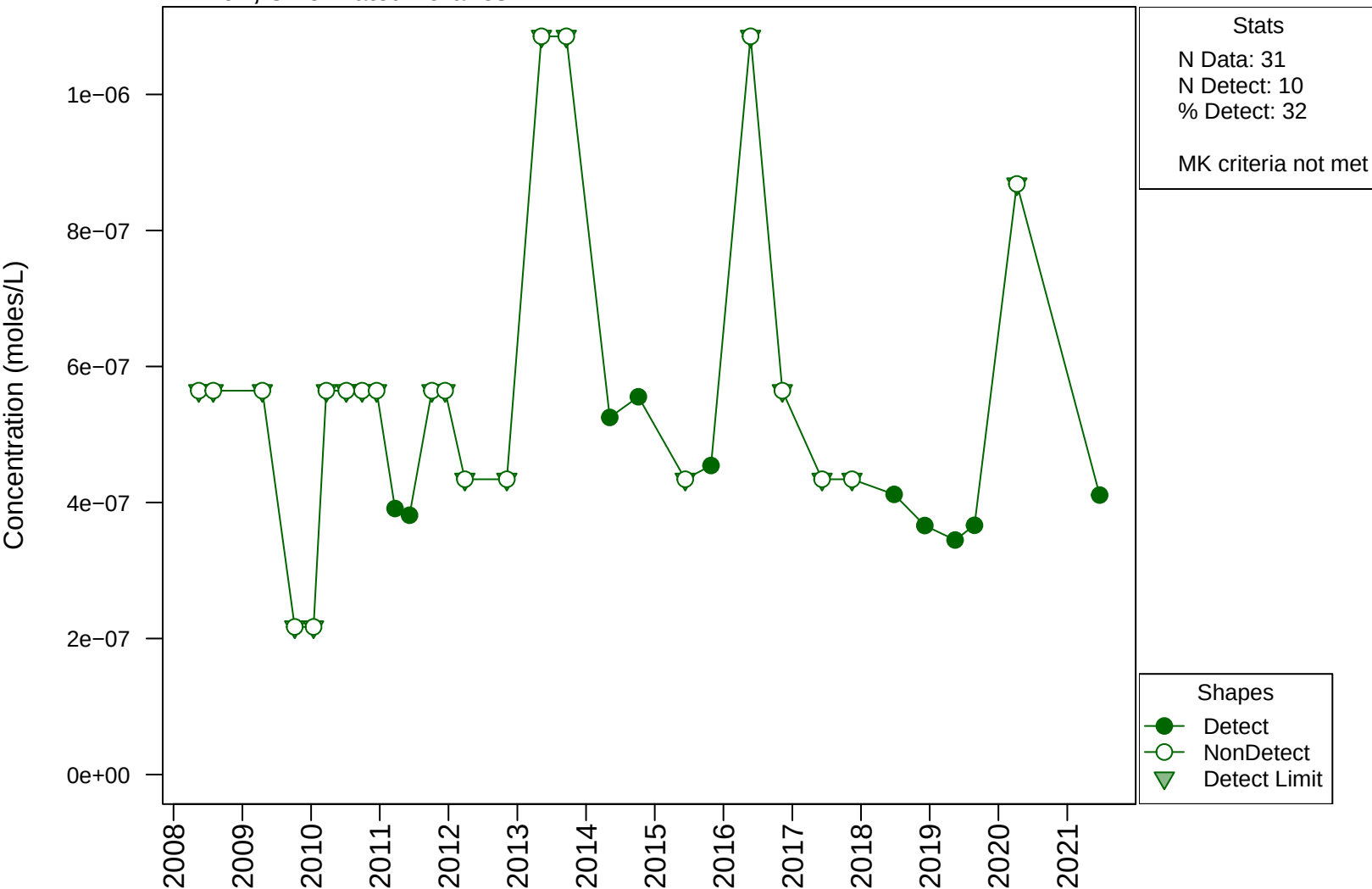
Scatterplots and Trend Analysis MW-6, Chlorinated Ethanes



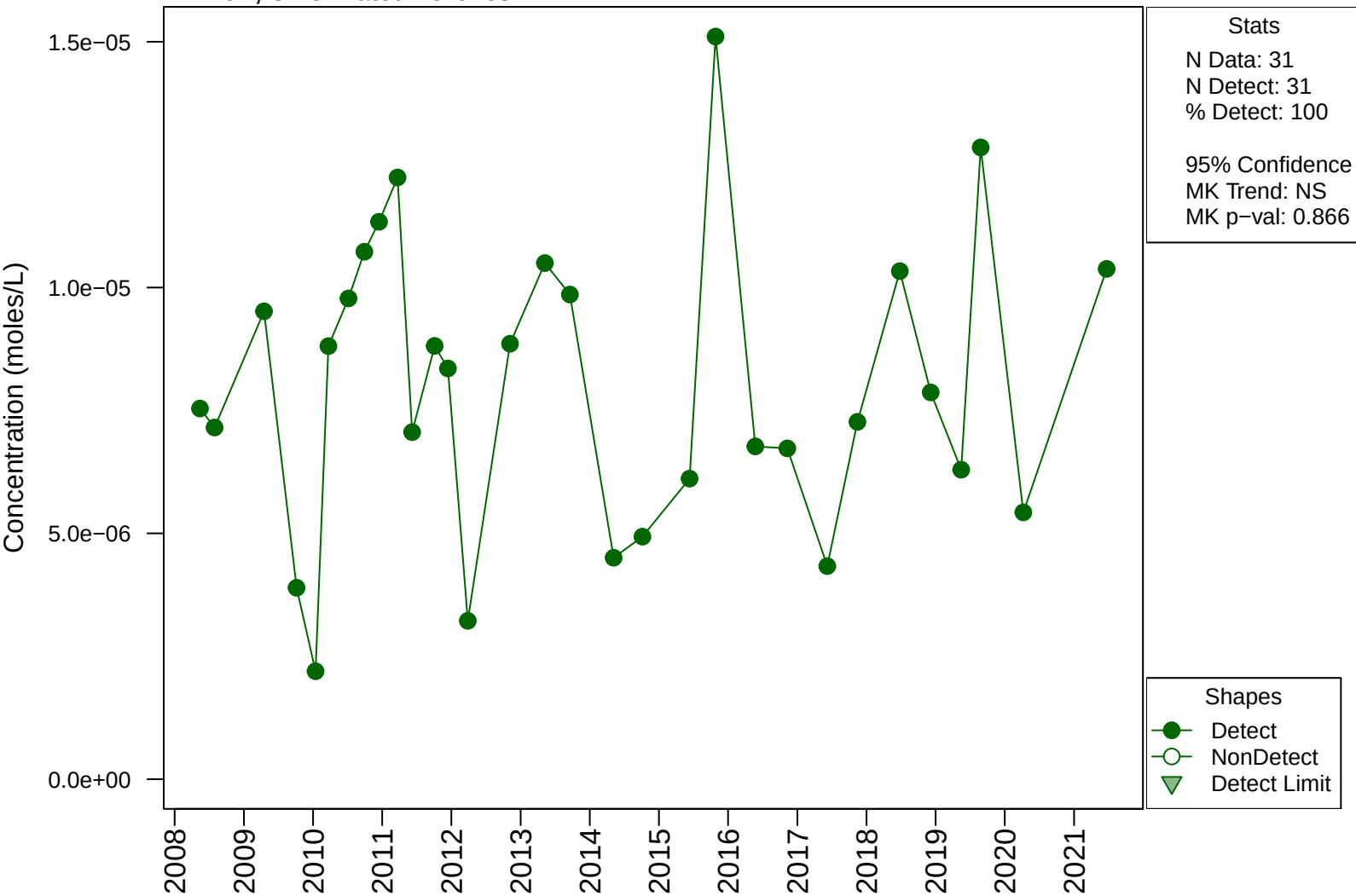
Scatterplots and Trend Analysis MW-6, Chlorinated Ethenes



Scatterplots and Trend Analysis MW-6A, Chlorinated Ethanes



Scatterplots and Trend Analysis MW-6A, Chlorinated Ethenes



APPENDIX D OM&M INSPECTION FORMS

Site Management Plan
Groundwater Extraction & Treatment System Inspection Log and Sampling Sheet
Leica, Inc. Site
Permit No. 07-01-CH014



Date: 6/1/2021

Time: 13:30

Checked by: Austin Baker

Totalizer Reading: 1328723.7 (checked on 6/7/2021)

Previous Totalizer Reading: 1253644.4

Date: 4/30/2021

Time: 15:00

Pump MW-11A Operational: **Yes** ☒ or **No** ☐ If No provide reason:

Notes / General Operating Condition:

Sample Point: Effluent

Sample ID: SAN-EFFLUENT-20210601-01

Sample Date and Time: 6/1/2021 13:00

Laboratory Name: Europhins Test America

Analyses for Chain of Custody:

- TPH 1664
- EPA 624
- EPA 625
- pH

Sampler Name: Austin Baker

Site Management Plan
Sub-Slab Depressurization System Quaterly Inspection Log Sheet
Leica, Inc. Site



Date: 6/30/21 Time: 13:01 Inspector Name: Jason Reynolds

Remote Terminal Unit

Power on: **Yes** x or **No** ☐ If No provide reason: _____
Connectivity: **Yes** x or **No** ☐ If No provide reason: _____

Loading Dock - Entry Way Blower Unit

Power on: **Yes** X or **No** ☐ If No provide reason: _____
Magnahelic Gauge Reading (in WC): 3.40
Fan Operational: **Yes** X or **No** ☐ If No provide reason: _____

Loading Dock - Warehouse Blower Unit

Power on: **Yes** X or **No** ☐ If No provide reason: _____
Magnahelic Gauge Reading (in WC): 3.97
Fan Operational: **Yes** X or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 1

Power on: **Yes** X or **No** ☐
Magnahelic Gauge Reading (in WC): 9.887
Fan Operational: **Yes** X or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 2

Magnahelic Gauge Reading (in WC): 9.684
Fan Operational: **Yes** X or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 3

Magnahelic Gauge Reading (in WC): 9.603
Fan Operational: **Yes** X or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 4

Magnahelic Gauge Reading (in WC): 12.177
Fan Operational: **Yes** X or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 5

Magnahelic Gauge Reading (in WC): 12.217
Fan Operational: **Yes** X or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 6

Magnahelic Gauge Reading (in WC): 8.050
Fan Operational: **Yes** X or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 7

Magnahelic Gauge Reading (in WC): _____
Fan Operational: **Yes** ☐ or **No** X If No provide reason: Fan turned off (See notes)

Warehouse - Blower Unit No. 8

Magnahelic Gauge Reading (in WC): _____
Fan Operational: **Yes** ☐ or **No** X If No provide reason: Fan turned off (See notes)

Notes / General Operating Condition:

Blower Unit 7&8 turned off due to roof disrepair

Site Management Plan
Groundwater Extraction & Treatment System Inspection Log and Sampling Sheet
Leica, Inc. Site
Permit No. 07-01-CH014



Date: 8/6/2021

Time: 11:19

Checked by: Jason Reynolds

Totalizer Reading: 1395056.1

Previous Totalizer Reading: _____

Date: _____

Time: _____

Pump MW-11A Operational: **Yes** ☒ or **No** ☐ If No provide reason:

Notes / General Operating Condition:

Sample Point: MW-11A

Sample ID: SAN-Effluent-20210806

Sample Date and Time: 8/6/2021 12:00

Laboratory Name: Test America/Eurofins

Analyses for Chain of Custody:

•TPH 1664

•EPA 624

•EPA 625

•pH

Sampler Name: Jason Reynolds

Site Management Plan
Sub-Slab Depressurization System Quarterly Inspection Log Sheet
Leica, Inc. Site



Date: 8/6/2021 Time: 12:00 Inspector Name: Jason Reynolds

Remote Terminal Unit

Power on: **Yes** ☒ or **No** ☐ If No provide reason: _____
Connectivity: **Yes** ☒ or **No** ☐ If No provide reason: _____

Loading Dock - Entry Way Blower Unit

Power on: **Yes** ☒ or **No** ☐ If No provide reason: _____
Magnehelic Gauge Reading (in WC): 3.4
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Loading Dock - Warehouse Blower Unit

Power on: **Yes** ☒ or **No** ☐ If No provide reason: _____
Magnehelic Gauge Reading (in WC): 3.97
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 1

Power on: **Yes** ☒ or **No** ☐
Magnehelic Gauge Reading (in WC): 11.691
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 2

Magnehelic Gauge Reading (in WC): 9.756
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 3

Magnehelic Gauge Reading (in WC): 9.601
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 4

Magnehelic Gauge Reading (in WC): 12.33
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 5

Magnehelic Gauge Reading (in WC): 12.213
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 6

Magnehelic Gauge Reading (in WC): 8.194
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 7

Magnehelic Gauge Reading (in WC): _____
Fan Operational: **Yes** ☐ or **No** ☒ If No provide reason: Turned off due to cieling disrepair

Warehouse - Blower Unit No. 8

Magnehelic Gauge Reading (in WC): _____
Fan Operational: **Yes** ☐ or **No** ☒ If No provide reason: Turned off due to ceiling disrepair

Notes / General Operating Condition:

SSDS operational as required. Blower 7 & 8 intentionally turned off due to southern area disrepair.

Site Management Plan
Groundwater Pumping System Inspection Log and Sampling Sheet
Leica, Inc. Site
Permit No. 07-01-CH014



Date: 11/16/2021

Time: 0:00

Checked by: A. Baker

Totalizer Reading: 1465971

Previous Totalizer Reading: 1395056.1

Date: _____

Time: _____

Pump MW-11A Operational: **Yes X** or **No** If No provide reason:

Notes: _____

Sample Point: MW-11A

Sample ID: SAN-Effluent-20211115

Sample Date and Time: 11/15/2021, 10:35

Laboratory Name: Test America/ Eurofins

Analyses for Chain of Custody:

- TPH 1664
- EPA 624
- EPA 625
- pH

Sampler Name: A. Baker

Site Management Plan
Sub-Slab Depressurization System Quaterly Inspection Log Sheet
Leica, Inc. Site



Date: 11/15/2021 Time: 10:15 Inspector Name: Austin Baker

Remote Terminal Unit

Power on: **Yes** X or **No** ☐ If No provide reason: _____
Connectivity: **Yes** X or **No** ☐ If No provide reason: _____

Loading Dock - Entry Way Blower Unit

Power on: **Yes** X or **No** ☐ If No provide reason: _____
Magnahelic Gauge Reading (in WC): 3.043
Fan Operational: **Yes** X or **No** ☐ If No provide reason: _____

Loading Dock - Warehouse Blower Unit

Power on: **Yes** X or **No** ☐ If No provide reason: _____
Magnahelic Gauge Reading (in WC): 4.131
Fan Operational: **Yes** X or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 1

Power on: **Yes** X or **No** ☐
Magnahelic Gauge Reading (in WC): 11.217
Fan Operational: **Yes** X or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 2

Magnahelic Gauge Reading (in WC): NA
Fan Operational: **Yes** X or **No** ☐ If No provide reason: Gauge needed repair

Warehouse - Blower Unit No. 3

Magnahelic Gauge Reading (in WC): NA
Fan Operational: **Yes** ☐ or **No** X If No provide reason: Blower down for repair

Warehouse - Blower Unit No. 4

Magnahelic Gauge Reading (in WC): 13.325
Fan Operational: **Yes** X or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 5

Magnahelic Gauge Reading (in WC): 12.157
Fan Operational: **Yes** X or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 6

Magnahelic Gauge Reading (in WC): 8.153
Fan Operational: **Yes** X or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 7

Magnahelic Gauge Reading (in WC): NA
Fan Operational: **Yes** ☐ or **No** X If No provide reason: Turned off

Warehouse - Blower Unit No. 8

Magnahelic Gauge Reading (in WC): NA
Fan Operational: **Yes** ☐ or **No** X If No provide reason: Turned off

Notes / General Operating Condition:

Blower 7 and 8 turned off due to roof repair

Site Management Plan
Groundwater Pumping System Inspection Log and Sampling Sheet
Leica, Inc. Site
Permit No. 07-01-CH014



Date: 3/4/2022

Time: 11:40

Checked by: A. Baker

Totalizer Reading: 1696006.2

Previous Totalizer Reading: 1465971

Date: 11/15/2021

Time: _____

Pump MW-11A Operational: **Yes X** or **No** If No provide reason:

Notes: _____

Sample Point: MW-11A

Sample ID: SAN-Effluent-20220225

Sample Date and Time: 2/25/2022, 14:30

Laboratory Name: Test America/ Eurofins

Analyses for Chain of Custody:

- TPH 1664
- EPA 624
- EPA 625
- pH

Sampler Name: A. Baker

Site Management Plan
Sub-Slab Depressurization System Quarterly Inspection Log Sheet
Leica, Inc. Site



Date: 2/8/2022 Time: 10:00 Inspector Name: Jason Reynolds

Remote Terminal Unit

Power on: **Yes** ☒ or **No** ☐ If No provide reason: _____
Connectivity: **Yes** ☒ or **No** ☐ If No provide reason: _____

Loading Dock - Entry Way Blower Unit

Power on: **Yes** ☒ or **No** ☐ If No provide reason: _____
Magnahelic Gauge Reading (in WC): 3.077
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Loading Dock - Warehouse Blower Unit

Power on: **Yes** ☒ or **No** ☐ If No provide reason: _____
Magnahelic Gauge Reading (in WC): 4.413
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 1

Power on: **Yes** ☒ or **No** ☐
Magnahelic Gauge Reading (in WC): 11.511
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 2

Magnahelic Gauge Reading (in WC): 9.892
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 3

Magnahelic Gauge Reading (in WC): 8.507
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 4

Magnahelic Gauge Reading (in WC): 9.489
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 5

Magnahelic Gauge Reading (in WC): 9.202
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 6

Magnahelic Gauge Reading (in WC): 8.149
Fan Operational: **Yes** ☒ or **No** ☐ If No provide reason: _____

Warehouse - Blower Unit No. 7

Magnahelic Gauge Reading (in WC): _____
Fan Operational: **Yes** ☐ or **No** ☒ If No provide reason: Turned off

Warehouse - Blower Unit No. 8

Magnahelic Gauge Reading (in WC): _____
Fan Operational: **Yes** ☐ or **No** ☒ If No provide reason: Turned off

Notes / General Operating Condition:

Blowers 7 & 8 turned off due to southern sawtooth area disrepair.

APPENDIX E

QUARTERLY DISCHARGE MONITORING REPORTS

30 June 2021

Mr. Patrick Bowen, P.E.
Town Engineer
275 Alexander Avenue
Cheektowaga, New York, 14211

Subject: Quarterly Discharge Report, Q2 2021
Leica, Inc. 203 Eggert Road,
Cheektowaga, NY
Permit No. 20-02-CH014

Dear Mr. Bowen,

The Q2 2021 grab sample from the groundwater recovery system was collected on 1 June 2021. Sample SAN-EFFLUENT-20210601-01 was analyzed for pH, Total Extractable Hydrocarbons, VOCs, and SVOCs. All compounds were below the discharge limits specified in the permit.

A summary of totalizer readings for Q2 2021 is provided herein. As shown in the attached table, the average daily flow has been below the discharge limit of 18,000 gallons per day for the duration of the monitoring period.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, you can reach me at 617-646-7894.

Sincerely,



Kathleen Kwasniak, P.E.
Project Manager

cc:
Jeff Ryberg (Danaher Corporation, on behalf of Leica, Inc.)
A. Alagna (BSA)

enclosures:

1. Laboratory Analytical Results – June 2021
2. Discharge Summary
3. Permit No. 20-02-CH014
4. System calibration certification

Leica 2021 Year-to-Date Groundwater Treatment System Discharge Summary - 12/23/2020 through 6/21/2021

Date	Meter Reading (gal)	Flow (gal)	Average Daily Flow (gal/day)	Comments
12/23/2020	967,367			Power restored to pump; pump back online
		43,401	2,170	
1/12/2021	1,010,768			
		35,829	2,559	
1/26/2021	1,046,597			
		40,984	2,562	
2/1/2021				Pump offline due to power outage
2/8/2021				Power restored to pump; pump back online
2/11/2021	1,087,581			
		34,308	2,451	
2/25/2021	1,121,889			
		38,633	2,146	
2/26/2021				SAN-EFFLUENT-20210226-01 collected on 2/26/2021
2/28/2021				Pump offline due to power outage
3/8/2021				Power restored to pump; pump back online
3/10/2021				Pump offline due to power outage
3/15/2021	1,160,522			Power restored to pump; pump back online
		79,245	8,805	
3/24/2021	1,239,767			
3/25/2021	-	-	-	Pump offline due to power outage
4/1/2021	1,253,644	13,877	1,735	Power restored to pump; pump back online
4/2/2021	-	-	-	Modem associated with telemetry is replaced
4/15/2021	-	-	-	Pump offline due to power outage
4/16/2021	-	-	-	Power restored to pump; pump back online
4/30/2021	1,286,656	33,012	1,138	
5/10/2021	1,301,182	14,526	1,453	
5/25/2021	-	-	-	Pump offline due to power outage
5/26/2021	-	-	-	Power restored to pump; pump back online
5/28/2021	1,320,168	18,986	1,055	
6/1/2021	-	-	-	SAN-EFFLUENT-20210601-01 collected on 6/1/2021
6/7/2021	1,326,407	6,239	624	
6/8/2021	-	-	-	Pump offline due to power outage
6/9/2021	-	-	-	Power restored to pump; pump back online
6/18/2021	1,338,763	12,356	1,123	

371,396

Total Gallons Discharged from 12/23/2020 - 06/18/2021

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-185429-1

Client Project/Site: DANAHER-CHEEKTOWAGA

For:

ERM-Northeast
One Beacon Steet
5th Floor
Boston, Massachusetts 02108

Attn: Kathleen Kwasniak



Authorized for release by:

6/15/2021 5:05:08 PM

Rebecca Jones, Project Management Assistant I

Rebecca.Jones@Eurofinset.com

Designee for

John Schove, Project Manager II

(716)504-9838

John.Schove@Eurofinset.com

LINKS

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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Qualifiers

GC/MS VOA

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

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Job ID: 480-185429-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-185429-1

Comments

No additional comments.

Receipt

The samples were received on 6/2/2021 2:29 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.4° C.

GC/MS VOA

Method 624.1: The continuing calibration verification (CCV) associated with batch 460-783129 recovered above the upper control limit for Acrolein. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

Method 624.1: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-783129 recovered outside control limits for Acrolein. The analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

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

GC/MS Semi VOA

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

General Chemistry

Methods 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: SAN-EFFLUENT-20210601-01 (480-185429-1).

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

Organic Prep

Method 625: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: SAN-EFFLUENT-20210601-01 (480-185429-1). The reporting limits (RLs) have been adjusted proportionately.

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

VOA Prep

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

Detection Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Client Sample ID: SAN-EFFLUENT-20210601-01

Lab Sample ID: 480-185429-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.4		1.0	0.26	ug/L	1		624.1	Total/NA
1,1-Dichloroethene	0.51	J	1.0	0.12	ug/L	1		624.1	Total/NA
1,2-Dichloroethene, Total	330		2.0	0.44	ug/L	1		624.1	Total/NA
Benzene	0.45	J	1.0	0.43	ug/L	1		624.1	Total/NA
trans-1,2-Dichloroethene	3.3		1.0	0.24	ug/L	1		624.1	Total/NA
Trichloroethene	0.93	J	1.0	0.31	ug/L	1		624.1	Total/NA
Vinyl chloride	300		1.0	0.34	ug/L	1		624.1	Total/NA
Oil & Grease	2.7	J B	5.1	1.4	mg/L	1		1664B	Total/NA
SGT-HEM	2.0	J B	5.1	2.0	mg/L	1		1664B	Total/NA
pH	6.84	HF	0.100	0.100	SU	1		9040C	Total/NA
Temperature	19.2	HF	0.00100	0.00100	Degrees C	1		9040C	Total/NA

Client Sample ID: TB-01-20210601-01

Lab Sample ID: 480-185429-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Client Sample ID: SAN-EFFLUENT-20210601-01

Lab Sample ID: 480-185429-1

Date Collected: 06/01/21 13:00

Matrix: Water

Date Received: 06/02/21 14:29

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/09/21 15:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/09/21 15:57	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/09/21 15:57	1
1,1-Dichloroethane	1.4		1.0	0.26	ug/L			06/09/21 15:57	1
1,1-Dichloroethene	0.51	J	1.0	0.12	ug/L			06/09/21 15:57	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/09/21 15:57	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/09/21 15:57	1
1,2-Dichloroethene, Total	330		2.0	0.44	ug/L			06/09/21 15:57	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/09/21 15:57	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/09/21 15:57	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/09/21 15:57	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/09/21 15:57	1
Acrolein	ND	*+	4.0	1.1	ug/L			06/09/21 15:57	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/09/21 15:57	1
Benzene	0.45	J	1.0	0.43	ug/L			06/09/21 15:57	1
Bromoform	ND		1.0	0.54	ug/L			06/09/21 15:57	1
Bromomethane	ND		1.0	0.45	ug/L			06/09/21 15:57	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/09/21 15:57	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/09/21 15:57	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/09/21 15:57	1
Chloroethane	ND		1.0	0.32	ug/L			06/09/21 15:57	1
Chloroform	ND		1.0	0.33	ug/L			06/09/21 15:57	1
Chloromethane	ND		1.0	0.43	ug/L			06/09/21 15:57	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/09/21 15:57	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/09/21 15:57	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/09/21 15:57	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/09/21 15:57	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/09/21 15:57	1
Toluene	ND		1.0	0.38	ug/L			06/09/21 15:57	1
trans-1,2-Dichloroethene	3.3		1.0	0.24	ug/L			06/09/21 15:57	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/09/21 15:57	1
Trichloroethene	0.93	J	1.0	0.31	ug/L			06/09/21 15:57	1
Vinyl chloride	300		1.0	0.34	ug/L			06/09/21 15:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		60 - 140		06/09/21 15:57	1
4-Bromofluorobenzene	86		60 - 140		06/09/21 15:57	1
Dibromofluoromethane (Surr)	111		60 - 140		06/09/21 15:57	1
Toluene-d8 (Surr)	111		60 - 140		06/09/21 15:57	1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.82	ug/L		06/08/21 15:21	06/09/21 15:55	1
1,2-Dichlorobenzene	ND		10	5.0	ug/L		06/08/21 15:21	06/09/21 15:55	1
1,2-Diphenylhydrazine	ND		10	0.78	ug/L		06/08/21 15:21	06/09/21 15:55	1
1,3-Dichlorobenzene	ND		10	0.69	ug/L		06/08/21 15:21	06/09/21 15:55	1
1,4-Dichlorobenzene	ND		10	5.6	ug/L		06/08/21 15:21	06/09/21 15:55	1
2,2'-oxybis[1-chloropropane]	ND		5.0	1.3	ug/L		06/08/21 15:21	06/09/21 15:55	1
2,4,6-Trichlorophenol	ND		5.0	1.0	ug/L		06/08/21 15:21	06/09/21 15:55	1
2,4-Dichlorophenol	ND		5.0	0.77	ug/L		06/08/21 15:21	06/09/21 15:55	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Client Sample ID: SAN-EFFLUENT-20210601-01

Lab Sample ID: 480-185429-1

Date Collected: 06/01/21 13:00

Matrix: Water

Date Received: 06/02/21 14:29

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	1.4	ug/L		06/08/21 15:21	06/09/21 15:55	1
2,4-Dinitrophenol	ND		10	5.0	ug/L		06/08/21 15:21	06/09/21 15:55	1
2,4-Dinitrotoluene	ND		10	5.0	ug/L		06/08/21 15:21	06/09/21 15:55	1
2,6-Dinitrotoluene	ND		5.0	1.0	ug/L		06/08/21 15:21	06/09/21 15:55	1
2-Chloronaphthalene	ND		5.0	0.91	ug/L		06/08/21 15:21	06/09/21 15:55	1
2-Chlorophenol	ND		5.0	0.66	ug/L		06/08/21 15:21	06/09/21 15:55	1
2-Nitrophenol	ND		5.0	0.70	ug/L		06/08/21 15:21	06/09/21 15:55	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		06/08/21 15:21	06/09/21 15:55	1
4,6-Dinitro-2-methylphenol	ND		10	0.66	ug/L		06/08/21 15:21	06/09/21 15:55	1
4-Bromophenyl phenyl ether	ND		5.0	1.4	ug/L		06/08/21 15:21	06/09/21 15:55	1
4-Chloro-3-methylphenol	ND		5.0	1.1	ug/L		06/08/21 15:21	06/09/21 15:55	1
4-Chlorophenyl phenyl ether	ND		5.0	1.3	ug/L		06/08/21 15:21	06/09/21 15:55	1
4-Nitrophenol	ND		15	10	ug/L		06/08/21 15:21	06/09/21 15:55	1
Acenaphthene	ND		5.0	0.81	ug/L		06/08/21 15:21	06/09/21 15:55	1
Acenaphthylene	ND		5.0	0.87	ug/L		06/08/21 15:21	06/09/21 15:55	1
Anthracene	ND		5.0	1.4	ug/L		06/08/21 15:21	06/09/21 15:55	1
Benzidine	ND		80	35	ug/L		06/08/21 15:21	06/09/21 15:55	1
Benzo[a]anthracene	ND		5.0	1.1	ug/L		06/08/21 15:21	06/09/21 15:55	1
Benzo[a]pyrene	ND		5.0	1.3	ug/L		06/08/21 15:21	06/09/21 15:55	1
Benzo[b]fluoranthene	ND		5.0	1.2	ug/L		06/08/21 15:21	06/09/21 15:55	1
Benzo[g,h,i]perylene	ND		5.0	1.5	ug/L		06/08/21 15:21	06/09/21 15:55	1
Benzo[k]fluoranthene	ND		5.0	1.3	ug/L		06/08/21 15:21	06/09/21 15:55	1
Bis(2-chloroethoxy)methane	ND		5.0	0.75	ug/L		06/08/21 15:21	06/09/21 15:55	1
Bis(2-chloroethyl)ether	ND		5.0	0.93	ug/L		06/08/21 15:21	06/09/21 15:55	1
Bis(2-ethylhexyl) phthalate	ND		10	1.2	ug/L		06/08/21 15:21	06/09/21 15:55	1
Butyl benzyl phthalate	ND		5.0	1.1	ug/L		06/08/21 15:21	06/09/21 15:55	1
Chrysene	ND		5.0	1.0	ug/L		06/08/21 15:21	06/09/21 15:55	1
Dibenz(a,h)anthracene	ND		5.0	1.5	ug/L		06/08/21 15:21	06/09/21 15:55	1
Diethyl phthalate	ND		5.0	1.0	ug/L		06/08/21 15:21	06/09/21 15:55	1
Dimethyl phthalate	ND		5.0	0.91	ug/L		06/08/21 15:21	06/09/21 15:55	1
Di-n-butyl phthalate	ND		5.0	1.6	ug/L		06/08/21 15:21	06/09/21 15:55	1
Di-n-octyl phthalate	ND		5.0	1.2	ug/L		06/08/21 15:21	06/09/21 15:55	1
Fluoranthene	ND		5.0	1.6	ug/L		06/08/21 15:21	06/09/21 15:55	1
Fluorene	ND		5.0	1.0	ug/L		06/08/21 15:21	06/09/21 15:55	1
Hexachlorobenzene	ND		5.0	1.0	ug/L		06/08/21 15:21	06/09/21 15:55	1
Hexachlorobutadiene	ND		5.0	1.0	ug/L		06/08/21 15:21	06/09/21 15:55	1
Hexachlorocyclopentadiene	ND		10	5.0	ug/L		06/08/21 15:21	06/09/21 15:55	1
Hexachloroethane	ND		5.0	0.60	ug/L		06/08/21 15:21	06/09/21 15:55	1
Indeno[1,2,3-cd]pyrene	ND		5.0	1.5	ug/L		06/08/21 15:21	06/09/21 15:55	1
Isophorone	ND		5.0	0.74	ug/L		06/08/21 15:21	06/09/21 15:55	1
Naphthalene	ND		5.0	0.86	ug/L		06/08/21 15:21	06/09/21 15:55	1
Nitrobenzene	ND		5.0	0.81	ug/L		06/08/21 15:21	06/09/21 15:55	1
N-Nitrosodimethylamine	ND		10	5.0	ug/L		06/08/21 15:21	06/09/21 15:55	1
N-Nitrosodi-n-propylamine	ND		5.0	0.89	ug/L		06/08/21 15:21	06/09/21 15:55	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		06/08/21 15:21	06/09/21 15:55	1
Pentachlorophenol	ND		10	5.4	ug/L		06/08/21 15:21	06/09/21 15:55	1
Phenanthrene	ND		5.0	1.2	ug/L		06/08/21 15:21	06/09/21 15:55	1
Phenol	ND		5.0	0.35	ug/L		06/08/21 15:21	06/09/21 15:55	1
Pyrene	ND		5.0	1.4	ug/L		06/08/21 15:21	06/09/21 15:55	1

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Client Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Client Sample ID: SAN-EFFLUENT-20210601-01

Lab Sample ID: 480-185429-1

Date Collected: 06/01/21 13:00

Matrix: Water

Date Received: 06/02/21 14:29

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		52 - 151	06/08/21 15:21	06/09/21 15:55	1
2-Fluorobiphenyl	87		44 - 120	06/08/21 15:21	06/09/21 15:55	1
2-Fluorophenol	69		17 - 120	06/08/21 15:21	06/09/21 15:55	1
Nitrobenzene-d5	83		15 - 314	06/08/21 15:21	06/09/21 15:55	1
Phenol-d5	58		8 - 424	06/08/21 15:21	06/09/21 15:55	1
p-Terphenyl-d14 (Surr)	99		22 - 125	06/08/21 15:21	06/09/21 15:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	2.7	J B	5.1	1.4	mg/L		06/03/21 09:01	06/03/21 09:56	1
SGT-HEM	2.0	J B	5.1	2.0	mg/L		06/03/21 09:01	06/03/21 09:56	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.84	HF	0.100	0.100	SU			06/03/21 09:43	1
Temperature	19.2	HF	0.00100	0.00100	Degrees C			06/03/21 09:43	1

Client Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Client Sample ID: TB-01-20210601-01

Lab Sample ID: 480-185429-2

Date Collected: 06/01/21 13:00

Matrix: Water

Date Received: 06/02/21 14:29

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/09/21 15:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/09/21 15:31	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/09/21 15:31	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/09/21 15:31	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/09/21 15:31	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/09/21 15:31	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/09/21 15:31	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/09/21 15:31	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/09/21 15:31	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/09/21 15:31	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/09/21 15:31	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/09/21 15:31	1
Acrolein	ND	*+	4.0	1.1	ug/L			06/09/21 15:31	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/09/21 15:31	1
Benzene	ND		1.0	0.43	ug/L			06/09/21 15:31	1
Bromoform	ND		1.0	0.54	ug/L			06/09/21 15:31	1
Bromomethane	ND		1.0	0.45	ug/L			06/09/21 15:31	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/09/21 15:31	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/09/21 15:31	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/09/21 15:31	1
Chloroethane	ND		1.0	0.32	ug/L			06/09/21 15:31	1
Chloroform	ND		1.0	0.33	ug/L			06/09/21 15:31	1
Chloromethane	ND		1.0	0.43	ug/L			06/09/21 15:31	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/09/21 15:31	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/09/21 15:31	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/09/21 15:31	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/09/21 15:31	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/09/21 15:31	1
Toluene	ND		1.0	0.38	ug/L			06/09/21 15:31	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/09/21 15:31	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/09/21 15:31	1
Trichloroethene	ND		1.0	0.31	ug/L			06/09/21 15:31	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/09/21 15:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		60 - 140		06/09/21 15:31	1
4-Bromofluorobenzene	86		60 - 140		06/09/21 15:31	1
Dibromofluoromethane (Surr)	115		60 - 140		06/09/21 15:31	1
Toluene-d8 (Surr)	108		60 - 140		06/09/21 15:31	1

Surrogate Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (60-140)	BFB (60-140)	DBFM (60-140)	TOL (60-140)
480-185429-1	SAN-EFFLUENT-20210601-01	119	86	111	111
480-185429-2	TB-01-20210601-01	121	86	115	108
LCS 460-783129/3	Lab Control Sample	109	84	106	105
LCSD 460-783129/4	Lab Control Sample Dup	110	85	106	107
MB 460-783129/8	Method Blank	117	86	113	108

Surrogate Legend

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

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (15-314)	PHL (8-424)	TPHd14 (22-125)
480-185429-1	SAN-EFFLUENT-20210601-01	101	87	69	83	58	99
LCS 480-584492/2-A	Lab Control Sample	110	102	84	113	73	104
LCSD 480-584492/3-A	Lab Control Sample Dup	111	103	82	113	69	106
MB 480-584492/1-A	Method Blank	94	100	78	99	63	108

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPHd14 = p-Terphenyl-d14 (Surr)

QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-783129/8

Matrix: Water

Analysis Batch: 783129

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			06/09/21 09:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			06/09/21 09:12	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			06/09/21 09:12	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			06/09/21 09:12	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			06/09/21 09:12	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			06/09/21 09:12	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			06/09/21 09:12	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			06/09/21 09:12	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			06/09/21 09:12	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			06/09/21 09:12	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			06/09/21 09:12	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			06/09/21 09:12	1
Acrolein	ND		4.0	1.1	ug/L			06/09/21 09:12	1
Acrylonitrile	ND		2.0	0.77	ug/L			06/09/21 09:12	1
Benzene	ND		1.0	0.43	ug/L			06/09/21 09:12	1
Bromoform	ND		1.0	0.54	ug/L			06/09/21 09:12	1
Bromomethane	ND		1.0	0.45	ug/L			06/09/21 09:12	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			06/09/21 09:12	1
Chlorobenzene	ND		1.0	0.38	ug/L			06/09/21 09:12	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			06/09/21 09:12	1
Chloroethane	ND		1.0	0.32	ug/L			06/09/21 09:12	1
Chloroform	ND		1.0	0.33	ug/L			06/09/21 09:12	1
Chloromethane	ND		1.0	0.43	ug/L			06/09/21 09:12	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			06/09/21 09:12	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			06/09/21 09:12	1
Ethylbenzene	ND		1.0	0.30	ug/L			06/09/21 09:12	1
Methylene Chloride	ND		1.0	0.32	ug/L			06/09/21 09:12	1
Tetrachloroethene	ND		1.0	0.25	ug/L			06/09/21 09:12	1
Toluene	ND		1.0	0.38	ug/L			06/09/21 09:12	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			06/09/21 09:12	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			06/09/21 09:12	1
Trichloroethene	ND		1.0	0.31	ug/L			06/09/21 09:12	1
Vinyl chloride	ND		1.0	0.34	ug/L			06/09/21 09:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		60 - 140		06/09/21 09:12	1
4-Bromofluorobenzene	86		60 - 140		06/09/21 09:12	1
Dibromofluoromethane (Surr)	113		60 - 140		06/09/21 09:12	1
Toluene-d8 (Surr)	108		60 - 140		06/09/21 09:12	1

Lab Sample ID: LCS 460-783129/3

Matrix: Water

Analysis Batch: 783129

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	21.3		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	20.0	23.7		ug/L		119	60 - 140
1,1,2-Trichloroethane	20.0	21.3		ug/L		107	70 - 130

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QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-783129/3

Matrix: Water

Analysis Batch: 783129

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	25.3		ug/L		127	70 - 130
1,1-Dichloroethene	20.0	24.3		ug/L		122	50 - 150
1,2-Dichlorobenzene	20.0	19.8		ug/L		99	65 - 135
1,2-Dichloroethane	20.0	21.6		ug/L		108	70 - 130
1,2-Dichloroethene, Total	40.0	46.6		ug/L		117	60 - 140
1,2-Dichloropropane	20.0	26.8		ug/L		134	35 - 165
1,3-Dichlorobenzene	20.0	20.0		ug/L		100	70 - 130
1,4-Dichlorobenzene	20.0	18.9		ug/L		94	65 - 135
2-Chloroethyl vinyl ether	20.0	24.1		ug/L		120	0.1 - 225
Acrolein	40.6	106	*+	ug/L		261	10 - 150
Acrylonitrile	200	214		ug/L		107	60 - 140
Benzene	20.0	22.4		ug/L		112	65 - 135
Bromoform	20.0	15.4		ug/L		77	70 - 130
Bromomethane	20.0	11.8		ug/L		59	15 - 185
Carbon tetrachloride	20.0	20.8		ug/L		104	70 - 130
Chlorobenzene	20.0	20.0		ug/L		100	65 - 135
Chlorodibromomethane	20.0	18.3		ug/L		92	70 - 135
Chloroethane	20.0	22.1		ug/L		110	40 - 160
Chloroform	20.0	22.6		ug/L		113	70 - 135
Chloromethane	20.0	22.0		ug/L		110	0.1 - 205
cis-1,3-Dichloropropene	20.0	22.5		ug/L		112	25 - 175
Dichlorobromomethane	20.0	22.8		ug/L		114	65 - 135
Ethylbenzene	20.0	20.2		ug/L		101	60 - 140
Methylene Chloride	20.0	24.3		ug/L		121	60 - 140
Tetrachloroethene	20.0	17.2		ug/L		86	70 - 130
Toluene	20.0	21.3		ug/L		106	70 - 130
trans-1,2-Dichloroethene	20.0	23.6		ug/L		118	70 - 130
trans-1,3-Dichloropropene	20.0	21.0		ug/L		105	50 - 150
Trichloroethene	20.0	23.9		ug/L		120	65 - 135
Vinyl chloride	20.0	25.7		ug/L		128	5 - 195

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	109		60 - 140
4-Bromofluorobenzene	84		60 - 140
Dibromofluoromethane (Surr)	106		60 - 140
Toluene-d8 (Surr)	105		60 - 140

Lab Sample ID: LCSD 460-783129/4

Matrix: Water

Analysis Batch: 783129

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.7		ug/L		108	70 - 130	2	36
1,1,1,2-Tetrachloroethane	20.0	24.2		ug/L		121	60 - 140	2	61
1,1,2-Trichloroethane	20.0	21.9		ug/L		110	70 - 130	3	45
1,1-Dichloroethane	20.0	25.9		ug/L		129	70 - 130	2	40
1,1-Dichloroethene	20.0	24.1		ug/L		121	50 - 150	1	32
1,2-Dichlorobenzene	20.0	20.4		ug/L		102	65 - 135	3	57

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QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-783129/4

Matrix: Water

Analysis Batch: 783129

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	20.0	22.5		ug/L		112	70 - 130	4	49
1,2-Dichloroethene, Total	40.0	47.4		ug/L		118	60 - 140	2	50
1,2-Dichloropropane	20.0	27.2		ug/L		136	35 - 165	1	55
1,3-Dichlorobenzene	20.0	20.4		ug/L		102	70 - 130	2	43
1,4-Dichlorobenzene	20.0	19.4		ug/L		97	65 - 135	3	57
2-Chloroethyl vinyl ether	20.0	24.6		ug/L		123	0.1 - 225	2	71
Acrolein	40.6	111	+	ug/L		274	10 - 150	5	60
Acrylonitrile	200	219		ug/L		110	60 - 140	2	60
Benzene	20.0	23.1		ug/L		115	65 - 135	3	61
Bromoform	20.0	15.8		ug/L		79	70 - 130	2	42
Bromomethane	20.0	11.8		ug/L		59	15 - 185	1	61
Carbon tetrachloride	20.0	20.7		ug/L		103	70 - 130	0	41
Chlorobenzene	20.0	20.4		ug/L		102	65 - 135	2	53
Chlorodibromomethane	20.0	18.5		ug/L		92	70 - 135	1	50
Chloroethane	20.0	21.3		ug/L		107	40 - 160	3	78
Chloroform	20.0	23.6		ug/L		118	70 - 135	4	54
Chloromethane	20.0	22.3		ug/L		111	0.1 - 205	1	60
cis-1,3-Dichloropropene	20.0	22.8		ug/L		114	25 - 175	1	58
Dichlorobromomethane	20.0	23.5		ug/L		117	65 - 135	3	56
Ethylbenzene	20.0	21.0		ug/L		105	60 - 140	4	63
Methylene Chloride	20.0	25.1		ug/L		126	60 - 140	3	28
Tetrachloroethene	20.0	17.1		ug/L		85	70 - 130	0	39
Toluene	20.0	21.6		ug/L		108	70 - 130	2	41
trans-1,2-Dichloroethene	20.0	23.8		ug/L		119	70 - 130	1	45
trans-1,3-Dichloropropene	20.0	21.8		ug/L		109	50 - 150	4	86
Trichloroethene	20.0	24.5		ug/L		122	65 - 135	2	48
Vinyl chloride	20.0	24.1		ug/L		121	5 - 195	6	66

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		60 - 140
4-Bromofluorobenzene	85		60 - 140
Dibromofluoromethane (Surr)	106		60 - 140
Toluene-d8 (Surr)	107		60 - 140

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-584492/1-A

Matrix: Water

Analysis Batch: 584388

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 584492

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.82	ug/L		06/08/21 15:21	06/09/21 14:05	1
1,2-Dichlorobenzene	ND		10	5.0	ug/L		06/08/21 15:21	06/09/21 14:05	1
1,2-Diphenylhydrazine	ND		10	0.78	ug/L		06/08/21 15:21	06/09/21 14:05	1
1,3-Dichlorobenzene	ND		10	0.69	ug/L		06/08/21 15:21	06/09/21 14:05	1
1,4-Dichlorobenzene	ND		10	5.6	ug/L		06/08/21 15:21	06/09/21 14:05	1
2,2'-oxybis[1-chloropropane]	ND		5.0	1.3	ug/L		06/08/21 15:21	06/09/21 14:05	1
2,4,6-Trichlorophenol	ND		5.0	1.0	ug/L		06/08/21 15:21	06/09/21 14:05	1
2,4-Dichlorophenol	ND		5.0	0.77	ug/L		06/08/21 15:21	06/09/21 14:05	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-584492/1-A

Matrix: Water

Analysis Batch: 584388

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 584492

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	1.4	ug/L		06/08/21 15:21	06/09/21 14:05	1
2,4-Dinitrophenol	ND		10	5.0	ug/L		06/08/21 15:21	06/09/21 14:05	1
2,4-Dinitrotoluene	ND		10	5.0	ug/L		06/08/21 15:21	06/09/21 14:05	1
2,6-Dinitrotoluene	ND		5.0	1.0	ug/L		06/08/21 15:21	06/09/21 14:05	1
2-Chloronaphthalene	ND		5.0	0.91	ug/L		06/08/21 15:21	06/09/21 14:05	1
2-Chlorophenol	ND		5.0	0.66	ug/L		06/08/21 15:21	06/09/21 14:05	1
2-Nitrophenol	ND		5.0	0.70	ug/L		06/08/21 15:21	06/09/21 14:05	1
3,3'-Dichlorobenzidine	ND		5.0	0.82	ug/L		06/08/21 15:21	06/09/21 14:05	1
4,6-Dinitro-2-methylphenol	ND		10	0.66	ug/L		06/08/21 15:21	06/09/21 14:05	1
4-Bromophenyl phenyl ether	ND		5.0	1.4	ug/L		06/08/21 15:21	06/09/21 14:05	1
4-Chloro-3-methylphenol	ND		5.0	1.1	ug/L		06/08/21 15:21	06/09/21 14:05	1
4-Chlorophenyl phenyl ether	ND		5.0	1.3	ug/L		06/08/21 15:21	06/09/21 14:05	1
4-Nitrophenol	ND		15	10	ug/L		06/08/21 15:21	06/09/21 14:05	1
Acenaphthene	ND		5.0	0.81	ug/L		06/08/21 15:21	06/09/21 14:05	1
Acenaphthylene	ND		5.0	0.87	ug/L		06/08/21 15:21	06/09/21 14:05	1
Anthracene	ND		5.0	1.4	ug/L		06/08/21 15:21	06/09/21 14:05	1
Benzidine	ND		80	35	ug/L		06/08/21 15:21	06/09/21 14:05	1
Benzo[a]anthracene	ND		5.0	1.1	ug/L		06/08/21 15:21	06/09/21 14:05	1
Benzo[a]pyrene	ND		5.0	1.3	ug/L		06/08/21 15:21	06/09/21 14:05	1
Benzo[b]fluoranthene	ND		5.0	1.2	ug/L		06/08/21 15:21	06/09/21 14:05	1
Benzo[g,h,i]perylene	ND		5.0	1.5	ug/L		06/08/21 15:21	06/09/21 14:05	1
Benzo[k]fluoranthene	ND		5.0	1.3	ug/L		06/08/21 15:21	06/09/21 14:05	1
Bis(2-chloroethoxy)methane	ND		5.0	0.75	ug/L		06/08/21 15:21	06/09/21 14:05	1
Bis(2-chloroethyl)ether	ND		5.0	0.93	ug/L		06/08/21 15:21	06/09/21 14:05	1
Bis(2-ethylhexyl) phthalate	ND		10	1.2	ug/L		06/08/21 15:21	06/09/21 14:05	1
Butyl benzyl phthalate	ND		5.0	1.1	ug/L		06/08/21 15:21	06/09/21 14:05	1
Chrysene	ND		5.0	1.0	ug/L		06/08/21 15:21	06/09/21 14:05	1
Dibenz(a,h)anthracene	ND		5.0	1.5	ug/L		06/08/21 15:21	06/09/21 14:05	1
Diethyl phthalate	ND		5.0	1.0	ug/L		06/08/21 15:21	06/09/21 14:05	1
Dimethyl phthalate	ND		5.0	0.91	ug/L		06/08/21 15:21	06/09/21 14:05	1
Di-n-butyl phthalate	ND		5.0	1.6	ug/L		06/08/21 15:21	06/09/21 14:05	1
Di-n-octyl phthalate	ND		5.0	1.2	ug/L		06/08/21 15:21	06/09/21 14:05	1
Fluoranthene	ND		5.0	1.6	ug/L		06/08/21 15:21	06/09/21 14:05	1
Fluorene	ND		5.0	1.0	ug/L		06/08/21 15:21	06/09/21 14:05	1
Hexachlorobenzene	ND		5.0	1.0	ug/L		06/08/21 15:21	06/09/21 14:05	1
Hexachlorobutadiene	ND		5.0	1.0	ug/L		06/08/21 15:21	06/09/21 14:05	1
Hexachlorocyclopentadiene	ND		10	5.0	ug/L		06/08/21 15:21	06/09/21 14:05	1
Hexachloroethane	ND		5.0	0.60	ug/L		06/08/21 15:21	06/09/21 14:05	1
Indeno[1,2,3-cd]pyrene	ND		5.0	1.5	ug/L		06/08/21 15:21	06/09/21 14:05	1
Isophorone	ND		5.0	0.74	ug/L		06/08/21 15:21	06/09/21 14:05	1
Naphthalene	ND		5.0	0.86	ug/L		06/08/21 15:21	06/09/21 14:05	1
Nitrobenzene	ND		5.0	0.81	ug/L		06/08/21 15:21	06/09/21 14:05	1
N-Nitrosodimethylamine	ND		10	5.0	ug/L		06/08/21 15:21	06/09/21 14:05	1
N-Nitrosodi-n-propylamine	ND		5.0	0.89	ug/L		06/08/21 15:21	06/09/21 14:05	1
N-Nitrosodiphenylamine	ND		5.0	0.40	ug/L		06/08/21 15:21	06/09/21 14:05	1
Pentachlorophenol	ND		10	5.4	ug/L		06/08/21 15:21	06/09/21 14:05	1
Phenanthrene	ND		5.0	1.2	ug/L		06/08/21 15:21	06/09/21 14:05	1
Phenol	ND		5.0	0.35	ug/L		06/08/21 15:21	06/09/21 14:05	1
Pyrene	ND		5.0	1.4	ug/L		06/08/21 15:21	06/09/21 14:05	1

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QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	94		52 - 151	06/08/21 15:21	06/09/21 14:05	1
2-Fluorobiphenyl	100		44 - 120	06/08/21 15:21	06/09/21 14:05	1
2-Fluorophenol	78		17 - 120	06/08/21 15:21	06/09/21 14:05	1
Nitrobenzene-d5	99		15 - 314	06/08/21 15:21	06/09/21 14:05	1
Phenol-d5	63		8 - 424	06/08/21 15:21	06/09/21 14:05	1
p-Terphenyl-d14 (Surr)	108		22 - 125	06/08/21 15:21	06/09/21 14:05	1

Lab Sample ID: LCS 480-584492/2-A

Matrix: Water

Analysis Batch: 584388

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 584492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,2,4-Trichlorobenzene	32.0	31.5		ug/L		98	44 - 142
1,2-Dichlorobenzene	32.0	30.9		ug/L		97	32 - 129
1,2-Diphenylhydrazine	32.0	36.9		ug/L		115	47 - 146
1,3-Dichlorobenzene	32.0	30.4		ug/L		95	1 - 172
1,4-Dichlorobenzene	32.0	30.4		ug/L		95	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	33.2		ug/L		104	36 - 166
2,4,6-Trichlorophenol	32.0	35.0		ug/L		109	37 - 144
2,4-Dichlorophenol	32.0	34.7		ug/L		109	39 - 135
2,4-Dimethylphenol	32.0	36.0		ug/L		113	32 - 120
2,4-Dinitrophenol	64.0	74.8		ug/L		117	1 - 191
2,4-Dinitrotoluene	32.0	36.8		ug/L		115	39 - 139
2,6-Dinitrotoluene	32.0	37.8		ug/L		118	50 - 158
2-Chloronaphthalene	32.0	33.5		ug/L		105	60 - 120
2-Chlorophenol	32.0	33.1		ug/L		103	23 - 134
2-Nitrophenol	32.0	35.2		ug/L		110	29 - 182
3,3'-Dichlorobenzidine	64.0	64.0		ug/L		100	1 - 262
4,6-Dinitro-2-methylphenol	64.0	71.6		ug/L		112	1 - 181
4-Bromophenyl phenyl ether	32.0	35.7		ug/L		112	53 - 127
4-Chloro-3-methylphenol	32.0	36.8		ug/L		115	22 - 147
4-Chlorophenyl phenyl ether	32.0	35.0		ug/L		110	25 - 158
4-Nitrophenol	64.0	76.8		ug/L		120	1 - 132
Acenaphthene	32.0	34.1		ug/L		107	47 - 145
Acenaphthylene	32.0	33.8		ug/L		106	33 - 145
Anthracene	32.0	34.6		ug/L		108	27 - 133
Benzidine	64.0	ND		ug/L		23	1 - 120
Benzo[a]anthracene	32.0	34.3		ug/L		107	33 - 143
Benzo[a]pyrene	32.0	34.9		ug/L		109	17 - 163
Benzo[b]fluoranthene	32.0	35.9		ug/L		112	24 - 159
Benzo[g,h,i]perylene	32.0	37.0		ug/L		116	1 - 219
Benzo[k]fluoranthene	32.0	35.6		ug/L		111	11 - 162
Bis(2-chloroethoxy)methane	32.0	32.8		ug/L		102	33 - 184
Bis(2-chloroethyl)ether	32.0	32.4		ug/L		101	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	37.9		ug/L		119	8 - 158
Butyl benzyl phthalate	32.0	36.2		ug/L		113	1 - 152
Chrysene	32.0	34.4		ug/L		107	17 - 168
Dibenz(a,h)anthracene	32.0	37.8		ug/L		118	1 - 227
Diethyl phthalate	32.0	38.2		ug/L		119	1 - 120
Dimethyl phthalate	32.0	37.5		ug/L		117	1 - 120
Di-n-butyl phthalate	32.0	37.1		ug/L		116	1 - 120

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QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-584492/2-A

Matrix: Water

Analysis Batch: 584388

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 584492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	32.0	35.9		ug/L		112	4 - 146
Fluoranthene	32.0	36.2		ug/L		113	26 - 137
Fluorene	32.0	34.9		ug/L		109	59 - 121
Hexachlorobenzene	32.0	33.6		ug/L		105	1 - 152
Hexachlorobutadiene	32.0	31.2		ug/L		97	24 - 120
Hexachlorocyclopentadiene	32.0	23.1		ug/L		72	5 - 120
Hexachloroethane	32.0	30.8		ug/L		96	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	37.6		ug/L		118	1 - 171
Isophorone	32.0	36.2		ug/L		113	21 - 196
Naphthalene	32.0	31.4		ug/L		98	21 - 133
Nitrobenzene	32.0	34.9		ug/L		109	35 - 180
N-Nitrosodimethylamine	32.0	37.0		ug/L		116	19 - 120
N-Nitrosodi-n-propylamine	32.0	35.1		ug/L		110	1 - 230
N-Nitrosodiphenylamine	32.0	33.9		ug/L		106	54 - 125
Pentachlorophenol	64.0	58.1		ug/L		91	14 - 176
Phenanthrene	32.0	34.9		ug/L		109	54 - 120
Phenol	32.0	23.6		ug/L		74	5 - 120
Pyrene	32.0	33.9		ug/L		106	52 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	110		52 - 151
2-Fluorobiphenyl	102		44 - 120
2-Fluorophenol	84		17 - 120
Nitrobenzene-d5	113		15 - 314
Phenol-d5	73		8 - 424
p-Terphenyl-d14 (Surr)	104		22 - 125

Lab Sample ID: LCSD 480-584492/3-A

Matrix: Water

Analysis Batch: 584388

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 584492

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	32.0	31.5		ug/L		98	44 - 142	0	34
1,2-Dichlorobenzene	32.0	30.3		ug/L		95	32 - 129	2	38
1,2-Diphenylhydrazine	32.0	35.8		ug/L		112	47 - 146	3	20
1,3-Dichlorobenzene	32.0	29.4		ug/L		92	1 - 172	3	37
1,4-Dichlorobenzene	32.0	29.4		ug/L		92	20 - 124	3	40
2,2'-oxybis[1-chloropropane]	32.0	31.2		ug/L		98	36 - 166	6	36
2,4,6-Trichlorophenol	32.0	35.9		ug/L		112	37 - 144	3	20
2,4-Dichlorophenol	32.0	35.3		ug/L		110	39 - 135	2	23
2,4-Dimethylphenol	32.0	36.0		ug/L		112	32 - 120	0	18
2,4-Dinitrophenol	64.0	73.4		ug/L		115	1 - 191	2	29
2,4-Dinitrotoluene	32.0	36.3		ug/L		113	39 - 139	1	20
2,6-Dinitrotoluene	32.0	37.3		ug/L		116	50 - 158	1	17
2-Chloronaphthalene	32.0	33.0		ug/L		103	60 - 120	1	30
2-Chlorophenol	32.0	32.0		ug/L		100	23 - 134	3	26
2-Nitrophenol	32.0	34.6		ug/L		108	29 - 182	2	28
3,3'-Dichlorobenzidine	64.0	72.4		ug/L		113	1 - 262	12	31

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-584492/3-A

Matrix: Water

Analysis Batch: 584388

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 584492

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,6-Dinitro-2-methylphenol	64.0	69.5		ug/L		109	1 - 181	3	30
4-Bromophenyl phenyl ether	32.0	35.0		ug/L		110	53 - 127	2	16
4-Chloro-3-methylphenol	32.0	35.4		ug/L		111	22 - 147	4	16
4-Chlorophenyl phenyl ether	32.0	34.5		ug/L		108	25 - 158	2	15
4-Nitrophenol	64.0	75.9		ug/L		119	1 - 132	1	24
Acenaphthene	32.0	33.6		ug/L		105	47 - 145	2	25
Acenaphthylene	32.0	34.2		ug/L		107	33 - 145	1	22
Anthracene	32.0	33.2		ug/L		104	27 - 133	4	15
Benzidine	64.0	ND		ug/L		28	1 - 120	17	50
Benzo[a]anthracene	32.0	34.3		ug/L		107	33 - 143	0	15
Benzo[a]pyrene	32.0	35.0		ug/L		109	17 - 163	0	15
Benzo[b]fluoranthene	32.0	35.2		ug/L		110	24 - 159	2	17
Benzo[g,h,i]perylene	32.0	37.2		ug/L		116	1 - 219	1	19
Benzo[k]fluoranthene	32.0	35.3		ug/L		110	11 - 162	1	19
Bis(2-chloroethoxy)methane	32.0	32.9		ug/L		103	33 - 184	0	23
Bis(2-chloroethyl)ether	32.0	30.3		ug/L		95	12 - 158	7	33
Bis(2-ethylhexyl) phthalate	32.0	40.6		ug/L		127	8 - 158	7	15
Butyl benzyl phthalate	32.0	36.2		ug/L		113	1 - 152	0	15
Chrysene	32.0	34.5		ug/L		108	17 - 168	0	15
Dibenz(a,h)anthracene	32.0	38.6		ug/L		121	1 - 227	2	18
Diethyl phthalate	32.0	38.5		ug/L		120	1 - 120	1	15
Dimethyl phthalate	32.0	36.7		ug/L		115	1 - 120	2	15
Di-n-butyl phthalate	32.0	35.6		ug/L		111	1 - 120	4	15
Di-n-octyl phthalate	32.0	36.6		ug/L		114	4 - 146	2	15
Fluoranthene	32.0	33.9		ug/L		106	26 - 137	6	15
Fluorene	32.0	34.5		ug/L		108	59 - 121	1	18
Hexachlorobenzene	32.0	33.7		ug/L		105	1 - 152	0	15
Hexachlorobutadiene	32.0	31.6		ug/L		99	24 - 120	1	50
Hexachlorocyclopentadiene	32.0	21.3		ug/L		67	5 - 120	8	50
Hexachloroethane	32.0	29.7		ug/L		93	40 - 120	3	43
Indeno[1,2,3-cd]pyrene	32.0	37.8		ug/L		118	1 - 171	1	17
Isophorone	32.0	35.0		ug/L		109	21 - 196	3	21
Naphthalene	32.0	30.9		ug/L		96	21 - 133	2	31
Nitrobenzene	32.0	34.6		ug/L		108	35 - 180	1	27
N-Nitrosodimethylamine	32.0	34.2		ug/L		107	19 - 120	8	22
N-Nitrosodi-n-propylamine	32.0	34.3		ug/L		107	1 - 230	2	23
N-Nitrosodiphenylamine	32.0	33.9		ug/L		106	54 - 125	0	15
Pentachlorophenol	64.0	59.3		ug/L		93	14 - 176	2	21
Phenanthrene	32.0	34.7		ug/L		109	54 - 120	0	16
Phenol	32.0	22.7		ug/L		71	5 - 120	4	36
Pyrene	32.0	33.7		ug/L		105	52 - 120	1	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	111		52 - 151
2-Fluorobiphenyl	103		44 - 120
2-Fluorophenol	82		17 - 120
Nitrobenzene-d5	113		15 - 314
Phenol-d5	69		8 - 424

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-584492/3-A

Matrix: Water

Analysis Batch: 584388

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 584492

	<i>LCSD</i>	<i>LCSD</i>	
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>
<i>p-Terphenyl-d14 (Surr)</i>	106		22 - 125

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 480-583754/1-A

Matrix: Water

Analysis Batch: 583780

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 583754

	<i>MB</i>	<i>MB</i>								
<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil</i>	<i>Fac</i>
Oil & Grease	3.40	J	5.0	1.4	mg/L		06/03/21 09:01	06/03/21 09:56		1
SGT-HEM	2.10	J	5.0	1.9	mg/L		06/03/21 09:01	06/03/21 09:56		1

Lab Sample ID: LCS 480-583754/2-A

Matrix: Water

Analysis Batch: 583780

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 583754

		<i>Spike</i>	<i>LCS</i>	<i>LCS</i>				<i>%Rec.</i>		
<i>Analyte</i>		<i>Added</i>	<i>Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>Limits</i>		
Oil & Grease		40.0	35.80		mg/L		90	78 - 114		
SGT-HEM		20.0	17.50		mg/L		88	64 - 132		

Lab Sample ID: 480-185429-1 MS

Matrix: Water

Analysis Batch: 583780

Client Sample ID: SAN-EFFLUENT-20210601-01

Prep Type: Total/NA

Prep Batch: 583754

	<i>Sample</i>	<i>Sample</i>	<i>Spike</i>	<i>MS</i>	<i>MS</i>				<i>%Rec.</i>		
<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>Added</i>	<i>Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>Limits</i>		
Oil & Grease	2.7	J B	44.7	40.38		mg/L		84	78 - 114		
SGT-HEM	2.0	J B	22.4	20.25		mg/L		81	64 - 132		

Method: 9040C - pH

Lab Sample ID: LCS 480-583796/23

Matrix: Water

Analysis Batch: 583796

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

		<i>Spike</i>	<i>LCS</i>	<i>LCS</i>					<i>%Rec.</i>		
<i>Analyte</i>		<i>Added</i>	<i>Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>Limits</i>			
pH		7.00	7.050		SU		101	99 - 101			

QC Association Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

GC/MS VOA

Analysis Batch: 783129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185429-1	SAN-EFFLUENT-20210601-01	Total/NA	Water	624.1	
480-185429-2	TB-01-20210601-01	Total/NA	Water	624.1	
MB 460-783129/8	Method Blank	Total/NA	Water	624.1	
LCS 460-783129/3	Lab Control Sample	Total/NA	Water	624.1	
LCSD 460-783129/4	Lab Control Sample Dup	Total/NA	Water	624.1	

GC/MS Semi VOA

Analysis Batch: 584388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185429-1	SAN-EFFLUENT-20210601-01	Total/NA	Water	625.1	584492
MB 480-584492/1-A	Method Blank	Total/NA	Water	625.1	584492
LCS 480-584492/2-A	Lab Control Sample	Total/NA	Water	625.1	584492
LCSD 480-584492/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	584492

Prep Batch: 584492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185429-1	SAN-EFFLUENT-20210601-01	Total/NA	Water	625	
MB 480-584492/1-A	Method Blank	Total/NA	Water	625	
LCS 480-584492/2-A	Lab Control Sample	Total/NA	Water	625	
LCSD 480-584492/3-A	Lab Control Sample Dup	Total/NA	Water	625	

General Chemistry

Prep Batch: 583754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185429-1	SAN-EFFLUENT-20210601-01	Total/NA	Water	1664B	
MB 480-583754/1-A	Method Blank	Total/NA	Water	1664B	
LCS 480-583754/2-A	Lab Control Sample	Total/NA	Water	1664B	
480-185429-1 MS	SAN-EFFLUENT-20210601-01	Total/NA	Water	1664B	

Analysis Batch: 583780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185429-1	SAN-EFFLUENT-20210601-01	Total/NA	Water	1664B	583754
MB 480-583754/1-A	Method Blank	Total/NA	Water	1664B	583754
LCS 480-583754/2-A	Lab Control Sample	Total/NA	Water	1664B	583754
480-185429-1 MS	SAN-EFFLUENT-20210601-01	Total/NA	Water	1664B	583754

Analysis Batch: 583796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185429-1	SAN-EFFLUENT-20210601-01	Total/NA	Water	9040C	
LCS 480-583796/23	Lab Control Sample	Total/NA	Water	9040C	

Lab Chronicle

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Client Sample ID: SAN-EFFLUENT-20210601-01

Lab Sample ID: 480-185429-1

Date Collected: 06/01/21 13:00

Matrix: Water

Date Received: 06/02/21 14:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	783129	06/09/21 15:57	AAT	TAL EDI
Total/NA	Prep	625			584492	06/08/21 15:21	CMC	TAL BUF
Total/NA	Analysis	625.1		1	584388	06/09/21 15:55	JMM	TAL BUF
Total/NA	Prep	1664B			583754	06/03/21 09:01	MJB	TAL BUF
Total/NA	Analysis	1664B		1	583780	06/03/21 09:56	MJB	TAL BUF
Total/NA	Analysis	9040C		1	583796	06/03/21 09:43	JPS	TAL BUF

Client Sample ID: TB-01-20210601-01

Lab Sample ID: 480-185429-2

Date Collected: 06/01/21 13:00

Matrix: Water

Date Received: 06/02/21 14:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	783129	06/09/21 15:31	AAT	TAL EDI

Laboratory References:

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

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
625.1	625	Water	1,2-Dichlorobenzene
625.1	625	Water	1,3-Dichlorobenzene
625.1	625	Water	1,4-Dichlorobenzene
9040C		Water	pH
9040C		Water	Temperature

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0200	09-30-22
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	12-31-21
Georgia	State	12028 (NJ)	07-01-21
Massachusetts	State	M-NJ312	06-30-21
New Jersey	NELAP	12028	06-30-21
New York	NELAP	11452	04-01-22
Pennsylvania	NELAP	68-00522	02-28-22
Rhode Island	State	LAO00132	12-30-21
USDA	US Federal Programs	P330-20-00244	11-03-23

Method Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL EDI
625.1	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
1664B	HEM and SGT-HEM	1664B	TAL BUF
9040C	pH	SW846	TAL BUF
1664B	HEM and SGT-HEM (Aqueous)	1664B	TAL BUF
625	Liquid-Liquid Extraction	40CFR136A	TAL BUF

Protocol References:

1664B = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

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

Laboratory References:

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

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-185429-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-185429-1	SAN-EFFLUENT-20210601-01	Water	06/01/21 13:00	06/02/21 14:29	
480-185429-2	TB-01-20210601-01	Water	06/01/21 13:00	06/02/21 14:29	

Phone: 716-691-2600 Fax: 716-691-7991

 eurofins

**Environment Testing
America**

[illegible]



Chain of Custody Record

[illegible]

Login Sample Receipt Checklist

Client: ERM-Northeast

Job Number: 480-185429-1

Login Number: 185429

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

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

Login Sample Receipt Checklist

Client: ERM-Northeast

Job Number: 480-185429-1

Login Number: 185429

List Number: 2

Creator: Rivera, Kenneth

List Source: Eurofins TestAmerica, Edison

List Creation: 06/05/21 05:30 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.5°C, IR #9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Calibration Report Of Electromagnetic Flow Meter ISOMAG® Series

Internal Reference : **381785**

Calibration Line : **4**

Order Confirmation n°: **OC18-03207**

DATI SENSORE / SENSOR DATA

Sensor Model **MS 5000-C50-A2A**
Serial Number **12W010083**
NominalDiameter **50**
Full scale **20 dm3/s**
Coefficient Ka **+2.5687**
Coefficient Kz **-444**

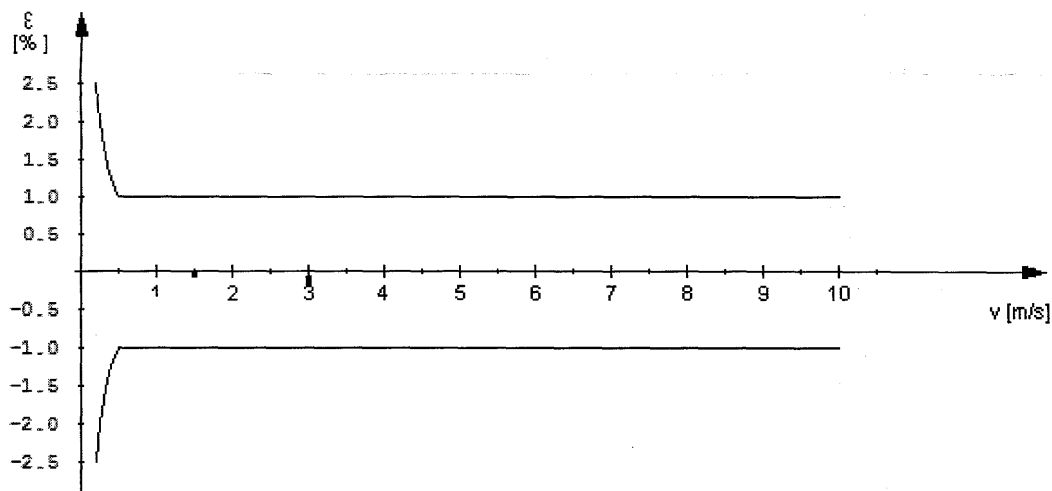
CONVERTER DATA

Converter Model **ML210**
Serial Number



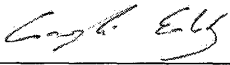
RISULTATI DELLA TARATURA / CALIBRATION RESULTS

N°	Reference Meter	Test Time	Nominal Test Speed (DUT)	Ambient Temperature	Water Temperature	Reference Flow rate	Measured Flow rate(DUT)	Deviation
	units	s	m/s	°C	°C	dm3/s	dm3/s	%
1	L04M001	60	3,003	18,0	19,8	6,0053937	5,9995231	-0,10
2	L04M001	60	3,003	18,0	19,8	6,0063974	5,9981598	-0,14
3	L04M001	60	1,502	17,9	19,8	3,0042933	3,0030544	-0,04
4	L04M001	60	1,501	17,9	19,8	3,0011742	2,9999594	-0,04



Report n°: **LSTA09997W**

Print. Date : **02/11/2018**

Approved by : 

Code : **00**

END OF REPORT

30 September 2021

Mr. Patrick Bowen, P.E.
Town Engineer
275 Alexander Avenue
Cheektowaga, New York, 14211

Subject: Quarterly Discharge Report, Q3 2021
Leica, Inc. 203 Eggert Road,
Cheektowaga, NY
Permit No. 20-02-CH014

Dear Mr. Bowen,

The Q3 2021 grab sample from the groundwater recovery system was collected on 6 August 2021. Sample SAN-EFFLUENT-20210806-01 was analyzed for pH, Total Extractable Hydrocarbons, VOCs, and SVOCs. All compounds were below the discharge limits specified in the permit.

A summary of totalizer readings for Q3 2021 is provided herein. As shown in the attached table, the average daily flow has been below the discharge limit of 18,000 gallons per day for the duration of the monitoring period.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, you can reach me at 617-646-7894.

Sincerely,



Kathleen Kwasniak, P.E.
Project Manager

cc:
Kim Tuyn (Danaher Corporation, on behalf of Leica, Inc.)
A. Alagna (BSA)

enclosures:

1. Laboratory Analytical Results – August 2021
2. Discharge Summary
3. Permit No. 20-02-CH014
4. System calibration certification

Leica 2021 Year-to-Date Groundwater Treatment System Discharge Summary - 12/23/2020 through 9/15/2021				
Date	Meter Reading (gal)	Flow (gal)	Average Daily Flow (gal/day)	Comments
12/23/2020	967,367			Power restored to pump; pump back online
		43,401	2,170	
1/12/2021	1,010,768			
		35,829	2,559	
1/26/2021	1,046,597			
2/1/2021				Pump offline due to power outage
2/8/2021				Power restored to pump; pump back online
		40,984	4,554	
2/11/2021	1,087,581			
		34,308	2,451	
2/25/2021	1,121,889			
2/26/2021				SAN-EFFLUENT-20210226-01 collected on 2/26/2021
2/28/2021				Pump offline due to power outage
3/8/2021				Power restored to pump; pump back online
3/10/2021				Pump offline due to power outage
		38,633	7,727	
3/15/2021	1,160,522			Power restored to pump; pump back online
		79,245	8,805	
3/24/2021	1,239,767			
3/25/2021	-			Pump offline due to power outage
		13,877	13,877	
4/1/2021	1,253,644			Power restored to pump; pump back online
4/2/2021	-			Modem associated with telemetry is replaced
4/15/2021	-			Pump offline due to power outage
4/16/2021	-			Power restored to pump; pump back online
		33,012	1,179	
4/30/2021	1,286,656			
		14,526	1,453	
5/10/2021	1,301,182			
5/25/2021	-			Pump offline due to power outage
5/26/2021	-			Power restored to pump; pump back online
		18,986	1,117	
5/28/2021	1,320,168			
6/1/2021	-			SAN-EFFLUENT-20210601-01 collected on 6/1/2021
		6,239	624	
6/7/2021	1,326,407			
6/8/2021	-			Pump offline due to power outage
6/9/2021	-			Power restored to pump; pump back online
		12,356	1,236	
6/18/2021	1,338,763			
		25,798	1,032	
7/13/2021	1,364,561			
		18,323	1,222	
7/28/2021	1,382,884			
8/6/2021	-			SAN-EFFLUENT-20210806-01 was collected on 8/6/2021
		6,102	555	
8/8/2021	1,388,986			
		4,676	275	
8/25/2021	1,393,662			
8/27/2021	-			Pump offline due to power outage
9/13/2021				Power restored to pump; pump back online
		4,440	1,110	
9/15/2021	1,398,102			Buffalo Sewer Authority inspects system and collects sample

430,735	Total Gallons Discharged from 12/23/2020 - 09/15/2021

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-188065-1

Client Project/Site: DANAHER-CHEEKTOWAGA

For:

ERM-Northeast
One Beacon Steet
5th Floor
Boston, Massachusetts 02108

Attn: Kathleen Kwasniak



Authorized for release by:

8/19/2021 2:09:59 PM

Rebecca Jones, Project Management Assistant I

Rebecca.Jones@Eurofinset.com

Designee for

John Schove, Project Manager II

(716)504-9838

John.Schove@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Qualifiers

GC/MS VOA

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

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Job ID: 480-188065-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-188065-1

Comments

No additional comments.

Receipt

The samples were received on 8/6/2021 12:21 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 18.0° C.

GC/MS VOA

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

GC/MS Semi VOA

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

General Chemistry

Methods 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: SAN-EFFLUENT-20210806-01 (480-188065-1).

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

Organic Prep

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

VOA Prep

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

Detection Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Client Sample ID: SAN-EFFLUENT-20210806-01

Lab Sample ID: 480-188065-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.94	J	1.0	0.26	ug/L	1		624.1	Total/NA
1,1-Dichloroethene	0.51	J	1.0	0.12	ug/L	1		624.1	Total/NA
1,2-Dichloroethene, Total	240		2.0	0.44	ug/L	1		624.1	Total/NA
trans-1,2-Dichloroethene	2.2		1.0	0.24	ug/L	1		624.1	Total/NA
Trichloroethene	0.39	J	1.0	0.31	ug/L	1		624.1	Total/NA
Vinyl chloride	230		1.0	0.34	ug/L	1		624.1	Total/NA
Oil & Grease	2.9	J B	4.8	1.3	mg/L	1		1664B	Total/NA
SGT-HEM	2.8	J B	4.8	1.8	mg/L	1		1664B	Total/NA
pH	6.92	HF	0.100	0.100	SU	1		9040C	Total/NA
Temperature	19.7	HF	0.00100	0.00100	Degrees C	1		9040C	Total/NA

Client Sample ID: TB-20210806-01

Lab Sample ID: 480-188065-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Client Sample ID: SAN-EFFLUENT-20210806-01

Lab Sample ID: 480-188065-1

Date Collected: 08/06/21 12:00

Matrix: Water

Date Received: 08/06/21 12:21

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			08/12/21 18:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			08/12/21 18:33	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			08/12/21 18:33	1
1,1-Dichloroethane	0.94	J	1.0	0.26	ug/L			08/12/21 18:33	1
1,1-Dichloroethene	0.51	J	1.0	0.12	ug/L			08/12/21 18:33	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			08/12/21 18:33	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			08/12/21 18:33	1
1,2-Dichloroethene, Total	240		2.0	0.44	ug/L			08/12/21 18:33	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			08/12/21 18:33	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			08/12/21 18:33	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			08/12/21 18:33	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			08/12/21 18:33	1
Acrolein	ND		4.0	1.1	ug/L			08/12/21 18:33	1
Acrylonitrile	ND		2.0	0.77	ug/L			08/12/21 18:33	1
Benzene	ND		1.0	0.43	ug/L			08/12/21 18:33	1
Bromoform	ND		1.0	0.54	ug/L			08/12/21 18:33	1
Bromomethane	ND		1.0	0.45	ug/L			08/12/21 18:33	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			08/12/21 18:33	1
Chlorobenzene	ND		1.0	0.38	ug/L			08/12/21 18:33	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			08/12/21 18:33	1
Chloroethane	ND		1.0	0.32	ug/L			08/12/21 18:33	1
Chloroform	ND		1.0	0.33	ug/L			08/12/21 18:33	1
Chloromethane	ND		1.0	0.43	ug/L			08/12/21 18:33	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			08/12/21 18:33	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			08/12/21 18:33	1
Ethylbenzene	ND		1.0	0.30	ug/L			08/12/21 18:33	1
Methylene Chloride	ND		1.0	0.32	ug/L			08/12/21 18:33	1
Tetrachloroethene	ND		1.0	0.25	ug/L			08/12/21 18:33	1
Toluene	ND		1.0	0.38	ug/L			08/12/21 18:33	1
trans-1,2-Dichloroethene	2.2		1.0	0.24	ug/L			08/12/21 18:33	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			08/12/21 18:33	1
Trichloroethene	0.39	J	1.0	0.31	ug/L			08/12/21 18:33	1
Vinyl chloride	230		1.0	0.34	ug/L			08/12/21 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		60 - 140		08/12/21 18:33	1
4-Bromofluorobenzene	93		60 - 140		08/12/21 18:33	1
Dibromofluoromethane (Surr)	102		60 - 140		08/12/21 18:33	1
Toluene-d8 (Surr)	91		60 - 140		08/12/21 18:33	1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.82	ug/L		08/12/21 16:51	08/17/21 17:23	1
1,2-Dichlorobenzene	ND		10	1.0	ug/L		08/12/21 16:51	08/17/21 17:23	1
1,2-Diphenylhydrazine	ND		10	0.78	ug/L		08/12/21 16:51	08/17/21 17:23	1
1,3-Dichlorobenzene	ND		10	0.69	ug/L		08/12/21 16:51	08/17/21 17:23	1
1,4-Dichlorobenzene	ND		10	0.82	ug/L		08/12/21 16:51	08/17/21 17:23	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.84	ug/L		08/12/21 16:51	08/17/21 17:23	1
2,4,6-Trichlorophenol	ND		5.0	1.0	ug/L		08/12/21 16:51	08/17/21 17:23	1
2,4-Dichlorophenol	ND		5.0	0.77	ug/L		08/12/21 16:51	08/17/21 17:23	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Client Sample ID: SAN-EFFLUENT-20210806-01

Lab Sample ID: 480-188065-1

Date Collected: 08/06/21 12:00

Matrix: Water

Date Received: 08/06/21 12:21

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	1.4	ug/L		08/12/21 16:51	08/17/21 17:23	1
2,4-Dinitrophenol	ND		10	5.0	ug/L		08/12/21 16:51	08/17/21 17:23	1
2,4-Dinitrotoluene	ND		10	1.6	ug/L		08/12/21 16:51	08/17/21 17:23	1
2,6-Dinitrotoluene	ND		5.0	1.0	ug/L		08/12/21 16:51	08/17/21 17:23	1
2-Chloronaphthalene	ND		5.0	0.91	ug/L		08/12/21 16:51	08/17/21 17:23	1
2-Chlorophenol	ND		5.0	0.66	ug/L		08/12/21 16:51	08/17/21 17:23	1
2-Nitrophenol	ND		5.0	0.70	ug/L		08/12/21 16:51	08/17/21 17:23	1
3,3'-Dichlorobenzidine	ND		5.0	1.6	ug/L		08/12/21 16:51	08/17/21 17:23	1
4,6-Dinitro-2-methylphenol	ND		10	1.8	ug/L		08/12/21 16:51	08/17/21 17:23	1
4-Bromophenyl phenyl ether	ND		5.0	1.4	ug/L		08/12/21 16:51	08/17/21 17:23	1
4-Chloro-3-methylphenol	ND		5.0	1.1	ug/L		08/12/21 16:51	08/17/21 17:23	1
4-Chlorophenyl phenyl ether	ND		5.0	1.3	ug/L		08/12/21 16:51	08/17/21 17:23	1
4-Nitrophenol	ND		15	1.9	ug/L		08/12/21 16:51	08/17/21 17:23	1
Acenaphthene	ND		5.0	0.81	ug/L		08/12/21 16:51	08/17/21 17:23	1
Acenaphthylene	ND		5.0	0.87	ug/L		08/12/21 16:51	08/17/21 17:23	1
Anthracene	ND		5.0	1.4	ug/L		08/12/21 16:51	08/17/21 17:23	1
Benzidine	ND		80	54	ug/L		08/12/21 16:51	08/17/21 17:23	1
Benzo[a]anthracene	ND		5.0	1.1	ug/L		08/12/21 16:51	08/17/21 17:23	1
Benzo[a]pyrene	ND		5.0	1.3	ug/L		08/12/21 16:51	08/17/21 17:23	1
Benzo[b]fluoranthene	ND		5.0	1.2	ug/L		08/12/21 16:51	08/17/21 17:23	1
Benzo[g,h,i]perylene	ND		5.0	1.5	ug/L		08/12/21 16:51	08/17/21 17:23	1
Benzo[k]fluoranthene	ND		5.0	1.3	ug/L		08/12/21 16:51	08/17/21 17:23	1
Bis(2-chloroethoxy)methane	ND		5.0	0.75	ug/L		08/12/21 16:51	08/17/21 17:23	1
Bis(2-chloroethyl)ether	ND		5.0	0.93	ug/L		08/12/21 16:51	08/17/21 17:23	1
Bis(2-ethylhexyl) phthalate	ND		10	1.2	ug/L		08/12/21 16:51	08/17/21 17:23	1
Butyl benzyl phthalate	ND		5.0	1.1	ug/L		08/12/21 16:51	08/17/21 17:23	1
Chrysene	ND		5.0	1.0	ug/L		08/12/21 16:51	08/17/21 17:23	1
Dibenz(a,h)anthracene	ND		5.0	1.5	ug/L		08/12/21 16:51	08/17/21 17:23	1
Diethyl phthalate	ND		5.0	1.0	ug/L		08/12/21 16:51	08/17/21 17:23	1
Dimethyl phthalate	ND		5.0	0.91	ug/L		08/12/21 16:51	08/17/21 17:23	1
Di-n-butyl phthalate	ND		5.0	1.6	ug/L		08/12/21 16:51	08/17/21 17:23	1
Di-n-octyl phthalate	ND		5.0	1.2	ug/L		08/12/21 16:51	08/17/21 17:23	1
Fluoranthene	ND		5.0	1.6	ug/L		08/12/21 16:51	08/17/21 17:23	1
Fluorene	ND		5.0	1.0	ug/L		08/12/21 16:51	08/17/21 17:23	1
Hexachlorobenzene	ND		5.0	1.0	ug/L		08/12/21 16:51	08/17/21 17:23	1
Hexachlorobutadiene	ND		5.0	1.0	ug/L		08/12/21 16:51	08/17/21 17:23	1
Hexachlorocyclopentadiene	ND		10	2.1	ug/L		08/12/21 16:51	08/17/21 17:23	1
Hexachloroethane	ND		5.0	0.60	ug/L		08/12/21 16:51	08/17/21 17:23	1
Indeno[1,2,3-cd]pyrene	ND		5.0	1.5	ug/L		08/12/21 16:51	08/17/21 17:23	1
Isophorone	ND		5.0	0.74	ug/L		08/12/21 16:51	08/17/21 17:23	1
Naphthalene	ND		5.0	0.86	ug/L		08/12/21 16:51	08/17/21 17:23	1
Nitrobenzene	ND		5.0	0.81	ug/L		08/12/21 16:51	08/17/21 17:23	1
N-Nitrosodimethylamine	ND		10	0.57	ug/L		08/12/21 16:51	08/17/21 17:23	1
N-Nitrosodi-n-propylamine	ND		5.0	0.89	ug/L		08/12/21 16:51	08/17/21 17:23	1
N-Nitrosodiphenylamine	ND		5.0	0.82	ug/L		08/12/21 16:51	08/17/21 17:23	1
Pentachlorophenol	ND		10	3.2	ug/L		08/12/21 16:51	08/17/21 17:23	1
Phenanthrene	ND		5.0	1.2	ug/L		08/12/21 16:51	08/17/21 17:23	1
Phenol	ND		5.0	0.35	ug/L		08/12/21 16:51	08/17/21 17:23	1
Pyrene	ND		5.0	1.4	ug/L		08/12/21 16:51	08/17/21 17:23	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Client Sample ID: SAN-EFFLUENT-20210806-01

Lab Sample ID: 480-188065-1

Date Collected: 08/06/21 12:00

Matrix: Water

Date Received: 08/06/21 12:21

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	85		52 - 151	08/12/21 16:51	08/17/21 17:23	1
2-Fluorobiphenyl	84		44 - 120	08/12/21 16:51	08/17/21 17:23	1
2-Fluorophenol	60		17 - 120	08/12/21 16:51	08/17/21 17:23	1
Nitrobenzene-d5	67		15 - 314	08/12/21 16:51	08/17/21 17:23	1
Phenol-d5	44		8 - 424	08/12/21 16:51	08/17/21 17:23	1
p-Terphenyl-d14 (Surr)	68		22 - 125	08/12/21 16:51	08/17/21 17:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	2.9	J B	4.8	1.3	mg/L		08/11/21 08:31	08/11/21 14:19	1
SGT-HEM	2.8	J B	4.8	1.8	mg/L		08/11/21 08:31	08/11/21 14:19	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.92	HF	0.100	0.100	SU			08/06/21 13:42	1
Temperature	19.7	HF	0.00100	0.00100	Degrees C			08/06/21 13:42	1

Client Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Client Sample ID: TB-20210806-01

Lab Sample ID: 480-188065-2

Date Collected: 08/06/21 00:00

Matrix: Water

Date Received: 08/06/21 12:21

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			08/12/21 17:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			08/12/21 17:20	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			08/12/21 17:20	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			08/12/21 17:20	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			08/12/21 17:20	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			08/12/21 17:20	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			08/12/21 17:20	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			08/12/21 17:20	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			08/12/21 17:20	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			08/12/21 17:20	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			08/12/21 17:20	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			08/12/21 17:20	1
Acrolein	ND		4.0	1.1	ug/L			08/12/21 17:20	1
Acrylonitrile	ND		2.0	0.77	ug/L			08/12/21 17:20	1
Benzene	ND		1.0	0.43	ug/L			08/12/21 17:20	1
Bromoform	ND		1.0	0.54	ug/L			08/12/21 17:20	1
Bromomethane	ND		1.0	0.45	ug/L			08/12/21 17:20	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			08/12/21 17:20	1
Chlorobenzene	ND		1.0	0.38	ug/L			08/12/21 17:20	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			08/12/21 17:20	1
Chloroethane	ND		1.0	0.32	ug/L			08/12/21 17:20	1
Chloroform	ND		1.0	0.33	ug/L			08/12/21 17:20	1
Chloromethane	ND		1.0	0.43	ug/L			08/12/21 17:20	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			08/12/21 17:20	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			08/12/21 17:20	1
Ethylbenzene	ND		1.0	0.30	ug/L			08/12/21 17:20	1
Methylene Chloride	ND		1.0	0.32	ug/L			08/12/21 17:20	1
Tetrachloroethene	ND		1.0	0.25	ug/L			08/12/21 17:20	1
Toluene	ND		1.0	0.38	ug/L			08/12/21 17:20	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			08/12/21 17:20	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			08/12/21 17:20	1
Trichloroethene	ND		1.0	0.31	ug/L			08/12/21 17:20	1
Vinyl chloride	ND		1.0	0.34	ug/L			08/12/21 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		60 - 140		08/12/21 17:20	1
4-Bromofluorobenzene	84		60 - 140		08/12/21 17:20	1
Dibromofluoromethane (Surr)	103		60 - 140		08/12/21 17:20	1
Toluene-d8 (Surr)	90		60 - 140		08/12/21 17:20	1

Surrogate Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (60-140)	BFB (60-140)	DBFM (60-140)	TOL (60-140)
480-188065-1	SAN-EFFLUENT-20210806-01	100	93	102	91
480-188065-2	TB-20210806-01	103	84	103	90
LCS 460-795883/4	Lab Control Sample	97	88	99	96
LCSD 460-795883/5	Lab Control Sample Dup	100	91	100	99
MB 460-795883/9	Method Blank	97	82	95	87

Surrogate Legend

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

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (15-314)	PHL (8-424)	TPHd14 (22-125)
480-188065-1	SAN-EFFLUENT-20210806-01	85	84	60	67	44	68
LCS 480-592709/2-A	Lab Control Sample	116	101	72	84	56	114
MB 480-592709/1-A	Method Blank	82	100	63	83	48	110

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPHd14 = p-Terphenyl-d14 (Surr)

QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-795883/9

Matrix: Water

Analysis Batch: 795883

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			08/12/21 11:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.37	ug/L			08/12/21 11:39	1
1,1,2-Trichloroethane	ND		1.0	0.15	ug/L			08/12/21 11:39	1
1,1-Dichloroethane	ND		1.0	0.26	ug/L			08/12/21 11:39	1
1,1-Dichloroethene	ND		1.0	0.12	ug/L			08/12/21 11:39	1
1,2-Dichlorobenzene	ND		1.0	0.19	ug/L			08/12/21 11:39	1
1,2-Dichloroethane	ND		1.0	0.84	ug/L			08/12/21 11:39	1
1,2-Dichloroethene, Total	ND		2.0	0.44	ug/L			08/12/21 11:39	1
1,2-Dichloropropane	ND		1.0	0.35	ug/L			08/12/21 11:39	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			08/12/21 11:39	1
1,4-Dichlorobenzene	ND		1.0	0.18	ug/L			08/12/21 11:39	1
2-Chloroethyl vinyl ether	ND		1.0	0.91	ug/L			08/12/21 11:39	1
Acrolein	ND		4.0	1.1	ug/L			08/12/21 11:39	1
Acrylonitrile	ND		2.0	0.77	ug/L			08/12/21 11:39	1
Benzene	ND		1.0	0.43	ug/L			08/12/21 11:39	1
Bromoform	ND		1.0	0.54	ug/L			08/12/21 11:39	1
Bromomethane	ND		1.0	0.45	ug/L			08/12/21 11:39	1
Carbon tetrachloride	ND		1.0	0.21	ug/L			08/12/21 11:39	1
Chlorobenzene	ND		1.0	0.38	ug/L			08/12/21 11:39	1
Chlorodibromomethane	ND		1.0	0.13	ug/L			08/12/21 11:39	1
Chloroethane	ND		1.0	0.32	ug/L			08/12/21 11:39	1
Chloroform	ND		1.0	0.33	ug/L			08/12/21 11:39	1
Chloromethane	ND		1.0	0.43	ug/L			08/12/21 11:39	1
cis-1,3-Dichloropropene	ND		1.0	0.46	ug/L			08/12/21 11:39	1
Dichlorobromomethane	ND		1.0	0.34	ug/L			08/12/21 11:39	1
Ethylbenzene	ND		1.0	0.30	ug/L			08/12/21 11:39	1
Methylene Chloride	ND		1.0	0.32	ug/L			08/12/21 11:39	1
Tetrachloroethene	ND		1.0	0.25	ug/L			08/12/21 11:39	1
Toluene	ND		1.0	0.38	ug/L			08/12/21 11:39	1
trans-1,2-Dichloroethene	ND		1.0	0.24	ug/L			08/12/21 11:39	1
trans-1,3-Dichloropropene	ND		1.0	0.22	ug/L			08/12/21 11:39	1
Trichloroethene	ND		1.0	0.31	ug/L			08/12/21 11:39	1
Vinyl chloride	ND		1.0	0.34	ug/L			08/12/21 11:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		60 - 140		08/12/21 11:39	1
4-Bromofluorobenzene	82		60 - 140		08/12/21 11:39	1
Dibromofluoromethane (Surr)	95		60 - 140		08/12/21 11:39	1
Toluene-d8 (Surr)	87		60 - 140		08/12/21 11:39	1

Lab Sample ID: LCS 460-795883/4

Matrix: Water

Analysis Batch: 795883

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	18.5		ug/L		93	70 - 130
1,1,2,2-Tetrachloroethane	20.0	14.5		ug/L		72	60 - 140
1,1,2-Trichloroethane	20.0	15.8		ug/L		79	70 - 130

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-795883/4

Matrix: Water

Analysis Batch: 795883

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	17.3		ug/L		87	70 - 130
1,1-Dichloroethene	20.0	16.7		ug/L		84	50 - 150
1,2-Dichlorobenzene	20.0	15.7		ug/L		79	65 - 135
1,2-Dichloroethane	20.0	17.6		ug/L		88	70 - 130
1,2-Dichloroethene, Total	40.0	33.5		ug/L		84	60 - 140
1,2-Dichloropropane	20.0	16.9		ug/L		85	35 - 165
1,3-Dichlorobenzene	20.0	16.2		ug/L		81	70 - 130
1,4-Dichlorobenzene	20.0	16.2		ug/L		81	65 - 135
2-Chloroethyl vinyl ether	20.0	12.9		ug/L		64	0.1 - 225
Acrolein	40.6	46.3		ug/L		114	10 - 150
Acrylonitrile	200	191		ug/L		95	60 - 140
Benzene	20.0	16.5		ug/L		82	65 - 135
Bromoform	20.0	14.7		ug/L		74	70 - 130
Bromomethane	20.0	13.6		ug/L		68	15 - 185
Carbon tetrachloride	20.0	18.7		ug/L		94	70 - 130
Chlorobenzene	20.0	16.7		ug/L		84	65 - 135
Chlorodibromomethane	20.0	16.5		ug/L		82	70 - 135
Chloroethane	20.0	16.4		ug/L		82	40 - 160
Chloroform	20.0	18.0		ug/L		90	70 - 135
Chloromethane	20.0	17.2		ug/L		86	0.1 - 205
cis-1,3-Dichloropropene	20.0	16.3		ug/L		81	25 - 175
Dichlorobromomethane	20.0	17.7		ug/L		88	65 - 135
Ethylbenzene	20.0	16.9		ug/L		84	60 - 140
Methylene Chloride	20.0	16.7		ug/L		84	60 - 140
Tetrachloroethene	20.0	15.8		ug/L		79	70 - 130
Toluene	20.0	16.9		ug/L		84	70 - 130
trans-1,2-Dichloroethene	20.0	16.7		ug/L		84	70 - 130
trans-1,3-Dichloropropene	20.0	15.6		ug/L		78	50 - 150
Trichloroethene	20.0	16.7		ug/L		84	65 - 135
Vinyl chloride	20.0	18.1		ug/L		90	5 - 195

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		60 - 140
4-Bromofluorobenzene	88		60 - 140
Dibromofluoromethane (Surr)	99		60 - 140
Toluene-d8 (Surr)	96		60 - 140

Lab Sample ID: LCSD 460-795883/5

Matrix: Water

Analysis Batch: 795883

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	17.9		ug/L		90	70 - 130	3	36
1,1,1,2-Tetrachloroethane	20.0	15.3		ug/L		76	60 - 140	5	61
1,1,2-Trichloroethane	20.0	16.6		ug/L		83	70 - 130	5	45
1,1-Dichloroethane	20.0	17.1		ug/L		86	70 - 130	1	40
1,1-Dichloroethene	20.0	16.1		ug/L		81	50 - 150	4	32
1,2-Dichlorobenzene	20.0	15.9		ug/L		79	65 - 135	1	57

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QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-795883/5

Matrix: Water

Analysis Batch: 795883

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	20.0	17.7		ug/L		89	70 - 130	1	49
1,2-Dichloroethene, Total	40.0	32.3		ug/L		81	60 - 140	4	50
1,2-Dichloropropane	20.0	16.5		ug/L		83	35 - 165	3	55
1,3-Dichlorobenzene	20.0	16.1		ug/L		81	70 - 130	0	43
1,4-Dichlorobenzene	20.0	15.9		ug/L		80	65 - 135	2	57
2-Chloroethyl vinyl ether	20.0	12.9		ug/L		64	0.1 - 225	0	71
Acrolein	40.6	45.7		ug/L		113	10 - 150	1	60
Acrylonitrile	200	185		ug/L		92	60 - 140	3	60
Benzene	20.0	16.3		ug/L		82	65 - 135	1	61
Bromoform	20.0	14.2		ug/L		71	70 - 130	4	42
Bromomethane	20.0	13.9		ug/L		70	15 - 185	3	61
Carbon tetrachloride	20.0	18.5		ug/L		92	70 - 130	2	41
Chlorobenzene	20.0	16.7		ug/L		83	65 - 135	0	53
Chlorodibromomethane	20.0	16.5		ug/L		83	70 - 135	0	50
Chloroethane	20.0	15.6		ug/L		78	40 - 160	5	78
Chloroform	20.0	17.6		ug/L		88	70 - 135	2	54
Chloromethane	20.0	17.1		ug/L		86	0.1 - 205	0	60
cis-1,3-Dichloropropene	20.0	16.1		ug/L		81	25 - 175	1	58
Dichlorobromomethane	20.0	17.8		ug/L		89	65 - 135	1	56
Ethylbenzene	20.0	16.7		ug/L		84	60 - 140	1	63
Methylene Chloride	20.0	15.7		ug/L		79	60 - 140	6	28
Tetrachloroethene	20.0	15.5		ug/L		77	70 - 130	2	39
Toluene	20.0	16.4		ug/L		82	70 - 130	3	41
trans-1,2-Dichloroethene	20.0	15.9		ug/L		80	70 - 130	5	45
trans-1,3-Dichloropropene	20.0	16.0		ug/L		80	50 - 150	3	86
Trichloroethene	20.0	16.9		ug/L		85	65 - 135	1	48
Vinyl chloride	20.0	17.4		ug/L		87	5 - 195	4	66

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		60 - 140
4-Bromofluorobenzene	91		60 - 140
Dibromofluoromethane (Surr)	100		60 - 140
Toluene-d8 (Surr)	99		60 - 140

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-592709/1-A

Matrix: Water

Analysis Batch: 593073

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 592709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.82	ug/L		08/12/21 16:51	08/17/21 15:08	1
1,2-Dichlorobenzene	ND		10	1.0	ug/L		08/12/21 16:51	08/17/21 15:08	1
1,2-Diphenylhydrazine	ND		10	0.78	ug/L		08/12/21 16:51	08/17/21 15:08	1
1,3-Dichlorobenzene	ND		10	0.69	ug/L		08/12/21 16:51	08/17/21 15:08	1
1,4-Dichlorobenzene	ND		10	0.82	ug/L		08/12/21 16:51	08/17/21 15:08	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.84	ug/L		08/12/21 16:51	08/17/21 15:08	1
2,4,6-Trichlorophenol	ND		5.0	1.0	ug/L		08/12/21 16:51	08/17/21 15:08	1
2,4-Dichlorophenol	ND		5.0	0.77	ug/L		08/12/21 16:51	08/17/21 15:08	1

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QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-592709/1-A

Matrix: Water

Analysis Batch: 593073

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 592709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	1.4	ug/L		08/12/21 16:51	08/17/21 15:08	1
2,4-Dinitrophenol	ND		10	5.0	ug/L		08/12/21 16:51	08/17/21 15:08	1
2,4-Dinitrotoluene	ND		10	1.6	ug/L		08/12/21 16:51	08/17/21 15:08	1
2,6-Dinitrotoluene	ND		5.0	1.0	ug/L		08/12/21 16:51	08/17/21 15:08	1
2-Chloronaphthalene	ND		5.0	0.91	ug/L		08/12/21 16:51	08/17/21 15:08	1
2-Chlorophenol	ND		5.0	0.66	ug/L		08/12/21 16:51	08/17/21 15:08	1
2-Nitrophenol	ND		5.0	0.70	ug/L		08/12/21 16:51	08/17/21 15:08	1
3,3'-Dichlorobenzidine	ND		5.0	1.6	ug/L		08/12/21 16:51	08/17/21 15:08	1
4,6-Dinitro-2-methylphenol	ND		10	1.8	ug/L		08/12/21 16:51	08/17/21 15:08	1
4-Bromophenyl phenyl ether	ND		5.0	1.4	ug/L		08/12/21 16:51	08/17/21 15:08	1
4-Chloro-3-methylphenol	ND		5.0	1.1	ug/L		08/12/21 16:51	08/17/21 15:08	1
4-Chlorophenyl phenyl ether	ND		5.0	1.3	ug/L		08/12/21 16:51	08/17/21 15:08	1
4-Nitrophenol	ND		15	1.9	ug/L		08/12/21 16:51	08/17/21 15:08	1
Acenaphthene	ND		5.0	0.81	ug/L		08/12/21 16:51	08/17/21 15:08	1
Acenaphthylene	ND		5.0	0.87	ug/L		08/12/21 16:51	08/17/21 15:08	1
Anthracene	ND		5.0	1.4	ug/L		08/12/21 16:51	08/17/21 15:08	1
Benzidine	ND		80	54	ug/L		08/12/21 16:51	08/17/21 15:08	1
Benzo[a]anthracene	ND		5.0	1.1	ug/L		08/12/21 16:51	08/17/21 15:08	1
Benzo[a]pyrene	ND		5.0	1.3	ug/L		08/12/21 16:51	08/17/21 15:08	1
Benzo[b]fluoranthene	ND		5.0	1.2	ug/L		08/12/21 16:51	08/17/21 15:08	1
Benzo[g,h,i]perylene	ND		5.0	1.5	ug/L		08/12/21 16:51	08/17/21 15:08	1
Benzo[k]fluoranthene	ND		5.0	1.3	ug/L		08/12/21 16:51	08/17/21 15:08	1
Bis(2-chloroethoxy)methane	ND		5.0	0.75	ug/L		08/12/21 16:51	08/17/21 15:08	1
Bis(2-chloroethyl)ether	ND		5.0	0.93	ug/L		08/12/21 16:51	08/17/21 15:08	1
Bis(2-ethylhexyl) phthalate	ND		10	1.2	ug/L		08/12/21 16:51	08/17/21 15:08	1
Butyl benzyl phthalate	ND		5.0	1.1	ug/L		08/12/21 16:51	08/17/21 15:08	1
Chrysene	ND		5.0	1.0	ug/L		08/12/21 16:51	08/17/21 15:08	1
Dibenz(a,h)anthracene	ND		5.0	1.5	ug/L		08/12/21 16:51	08/17/21 15:08	1
Diethyl phthalate	ND		5.0	1.0	ug/L		08/12/21 16:51	08/17/21 15:08	1
Dimethyl phthalate	ND		5.0	0.91	ug/L		08/12/21 16:51	08/17/21 15:08	1
Di-n-butyl phthalate	ND		5.0	1.6	ug/L		08/12/21 16:51	08/17/21 15:08	1
Di-n-octyl phthalate	ND		5.0	1.2	ug/L		08/12/21 16:51	08/17/21 15:08	1
Fluoranthene	ND		5.0	1.6	ug/L		08/12/21 16:51	08/17/21 15:08	1
Fluorene	ND		5.0	1.0	ug/L		08/12/21 16:51	08/17/21 15:08	1
Hexachlorobenzene	ND		5.0	1.0	ug/L		08/12/21 16:51	08/17/21 15:08	1
Hexachlorobutadiene	ND		5.0	1.0	ug/L		08/12/21 16:51	08/17/21 15:08	1
Hexachlorocyclopentadiene	ND		10	2.1	ug/L		08/12/21 16:51	08/17/21 15:08	1
Hexachloroethane	ND		5.0	0.60	ug/L		08/12/21 16:51	08/17/21 15:08	1
Indeno[1,2,3-cd]pyrene	ND		5.0	1.5	ug/L		08/12/21 16:51	08/17/21 15:08	1
Isophorone	ND		5.0	0.74	ug/L		08/12/21 16:51	08/17/21 15:08	1
Naphthalene	ND		5.0	0.86	ug/L		08/12/21 16:51	08/17/21 15:08	1
Nitrobenzene	ND		5.0	0.81	ug/L		08/12/21 16:51	08/17/21 15:08	1
N-Nitrosodimethylamine	ND		10	0.57	ug/L		08/12/21 16:51	08/17/21 15:08	1
N-Nitrosodi-n-propylamine	ND		5.0	0.89	ug/L		08/12/21 16:51	08/17/21 15:08	1
N-Nitrosodiphenylamine	ND		5.0	0.82	ug/L		08/12/21 16:51	08/17/21 15:08	1
Pentachlorophenol	ND		10	3.2	ug/L		08/12/21 16:51	08/17/21 15:08	1
Phenanthrene	ND		5.0	1.2	ug/L		08/12/21 16:51	08/17/21 15:08	1
Phenol	ND		5.0	0.35	ug/L		08/12/21 16:51	08/17/21 15:08	1
Pyrene	ND		5.0	1.4	ug/L		08/12/21 16:51	08/17/21 15:08	1

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QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	82		52 - 151	08/12/21 16:51	08/17/21 15:08	1
2-Fluorobiphenyl	100		44 - 120	08/12/21 16:51	08/17/21 15:08	1
2-Fluorophenol	63		17 - 120	08/12/21 16:51	08/17/21 15:08	1
Nitrobenzene-d5	83		15 - 314	08/12/21 16:51	08/17/21 15:08	1
Phenol-d5	48		8 - 424	08/12/21 16:51	08/17/21 15:08	1
p-Terphenyl-d14 (Surr)	110		22 - 125	08/12/21 16:51	08/17/21 15:08	1

Lab Sample ID: LCS 480-592709/2-A

Matrix: Water

Analysis Batch: 593073

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 592709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	32.9		ug/L		103	44 - 142
1,2-Dichlorobenzene	32.0	29.7		ug/L		93	32 - 129
1,2-Diphenylhydrazine	32.0	31.4		ug/L		98	47 - 146
1,3-Dichlorobenzene	32.0	29.0		ug/L		91	1 - 172
1,4-Dichlorobenzene	32.0	29.9		ug/L		93	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	21.9		ug/L		68	36 - 166
2,4,6-Trichlorophenol	32.0	34.6		ug/L		108	37 - 144
2,4-Dichlorophenol	32.0	34.3		ug/L		107	39 - 135
2,4-Dimethylphenol	32.0	31.9		ug/L		100	32 - 120
2,4-Dinitrophenol	64.0	65.8		ug/L		103	1 - 191
2,4-Dinitrotoluene	32.0	38.8		ug/L		121	39 - 139
2,6-Dinitrotoluene	32.0	38.8		ug/L		121	50 - 158
2-Chloronaphthalene	32.0	32.8		ug/L		102	60 - 120
2-Chlorophenol	32.0	29.4		ug/L		92	23 - 134
2-Nitrophenol	32.0	34.0		ug/L		106	29 - 182
3,3'-Dichlorobenzidine	64.0	64.3		ug/L		100	1 - 262
4,6-Dinitro-2-methylphenol	64.0	73.6		ug/L		115	1 - 181
4-Bromophenyl phenyl ether	32.0	38.8		ug/L		121	53 - 127
4-Chloro-3-methylphenol	32.0	34.3		ug/L		107	22 - 147
4-Chlorophenyl phenyl ether	32.0	38.0		ug/L		119	25 - 158
4-Nitrophenol	64.0	56.9		ug/L		89	1 - 132
Acenaphthene	32.0	33.9		ug/L		106	47 - 145
Acenaphthylene	32.0	33.6		ug/L		105	33 - 145
Anthracene	32.0	34.6		ug/L		108	27 - 133
Benzidine	64.0	ND		ug/L		6	1 - 120
Benzo[a]anthracene	32.0	36.7		ug/L		115	33 - 143
Benzo[a]pyrene	32.0	34.0		ug/L		106	17 - 163
Benzo[b]fluoranthene	32.0	36.9		ug/L		115	24 - 159
Benzo[g,h,i]perylene	32.0	38.0		ug/L		119	1 - 219
Benzo[k]fluoranthene	32.0	37.3		ug/L		117	11 - 162
Bis(2-chloroethoxy)methane	32.0	31.3		ug/L		98	33 - 184
Bis(2-chloroethyl)ether	32.0	27.2		ug/L		85	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	36.8		ug/L		115	8 - 158
Butyl benzyl phthalate	32.0	37.5		ug/L		117	1 - 152
Chrysene	32.0	35.9		ug/L		112	17 - 168
Dibenz(a,h)anthracene	32.0	40.5		ug/L		127	1 - 227
Diethyl phthalate	32.0	37.1		ug/L		116	1 - 120
Dimethyl phthalate	32.0	37.4		ug/L		117	1 - 120
Di-n-butyl phthalate	32.0	36.7		ug/L		115	1 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-592709/2-A

Matrix: Water

Analysis Batch: 593073

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 592709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	32.0	35.9		ug/L		112	4 - 146
Fluoranthene	32.0	36.0		ug/L		113	26 - 137
Fluorene	32.0	35.7		ug/L		111	59 - 121
Hexachlorobenzene	32.0	36.6		ug/L		114	1 - 152
Hexachlorobutadiene	32.0	35.3		ug/L		110	24 - 120
Hexachlorocyclopentadiene	32.0	17.3		ug/L		54	5 - 120
Hexachloroethane	32.0	27.1		ug/L		85	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	39.5		ug/L		123	1 - 171
Isophorone	32.0	31.9		ug/L		100	21 - 196
Naphthalene	32.0	31.5		ug/L		98	21 - 133
Nitrobenzene	32.0	29.8		ug/L		93	35 - 180
N-Nitrosodimethylamine	32.0	23.0		ug/L		72	19 - 120
N-Nitrosodi-n-propylamine	32.0	28.8		ug/L		90	1 - 230
N-Nitrosodiphenylamine	32.0	34.7		ug/L		108	54 - 125
Pentachlorophenol	64.0	55.7		ug/L		87	14 - 176
Phenanthrene	32.0	35.0		ug/L		109	54 - 120
Phenol	32.0	18.4		ug/L		57	5 - 120
Pyrene	32.0	35.8		ug/L		112	52 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	116		52 - 151
2-Fluorobiphenyl	101		44 - 120
2-Fluorophenol	72		17 - 120
Nitrobenzene-d5	84		15 - 314
Phenol-d5	56		8 - 424
p-Terphenyl-d14 (Surr)	114		22 - 125

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 480-592455/1-A

Matrix: Water

Analysis Batch: 592541

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 592455

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	2.90	J	5.0	1.4	mg/L		08/11/21 08:31	08/11/21 14:19	1
SGT-HEM	2.10	J	5.0	1.9	mg/L		08/11/21 08:31	08/11/21 14:19	1

Lab Sample ID: LCS 480-592455/2-A

Matrix: Water

Analysis Batch: 592541

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 592455

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Oil & Grease	40.0	35.40		mg/L		89	78 - 114
SGT-HEM	20.0	17.00		mg/L		85	64 - 132

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Method: 9040C - pH

Lab Sample ID: LCS 480-592052/23

Matrix: Water

Analysis Batch: 592052

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.074		SU		101	99 - 101

QC Association Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

GC/MS VOA

Analysis Batch: 795883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188065-1	SAN-EFFLUENT-20210806-01	Total/NA	Water	624.1	
480-188065-2	TB-20210806-01	Total/NA	Water	624.1	
MB 460-795883/9	Method Blank	Total/NA	Water	624.1	
LCS 460-795883/4	Lab Control Sample	Total/NA	Water	624.1	
LCSD 460-795883/5	Lab Control Sample Dup	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 592709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188065-1	SAN-EFFLUENT-20210806-01	Total/NA	Water	625	
MB 480-592709/1-A	Method Blank	Total/NA	Water	625	
LCS 480-592709/2-A	Lab Control Sample	Total/NA	Water	625	

Analysis Batch: 593073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188065-1	SAN-EFFLUENT-20210806-01	Total/NA	Water	625.1	592709
MB 480-592709/1-A	Method Blank	Total/NA	Water	625.1	592709
LCS 480-592709/2-A	Lab Control Sample	Total/NA	Water	625.1	592709

General Chemistry

Analysis Batch: 592052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188065-1	SAN-EFFLUENT-20210806-01	Total/NA	Water	9040C	
LCS 480-592052/23	Lab Control Sample	Total/NA	Water	9040C	

Prep Batch: 592455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188065-1	SAN-EFFLUENT-20210806-01	Total/NA	Water	1664B	
MB 480-592455/1-A	Method Blank	Total/NA	Water	1664B	
LCS 480-592455/2-A	Lab Control Sample	Total/NA	Water	1664B	

Analysis Batch: 592541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188065-1	SAN-EFFLUENT-20210806-01	Total/NA	Water	1664B	592455
MB 480-592455/1-A	Method Blank	Total/NA	Water	1664B	592455
LCS 480-592455/2-A	Lab Control Sample	Total/NA	Water	1664B	592455

Lab Chronicle

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Client Sample ID: SAN-EFFLUENT-20210806-01

Lab Sample ID: 480-188065-1

Date Collected: 08/06/21 12:00

Matrix: Water

Date Received: 08/06/21 12:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	795883	08/12/21 18:33	MZS	TAL EDI
Total/NA	Prep	625			592709	08/12/21 16:51	CMC	TAL BUF
Total/NA	Analysis	625.1		1	593073	08/17/21 17:23	JMM	TAL BUF
Total/NA	Prep	1664B			592455	08/11/21 08:31	MJB	TAL BUF
Total/NA	Analysis	1664B		1	592541	08/11/21 14:19	MJB	TAL BUF
Total/NA	Analysis	9040C		1	592052	08/06/21 13:42	JPS	TAL BUF

Client Sample ID: TB-20210806-01

Lab Sample ID: 480-188065-2

Date Collected: 08/06/21 00:00

Matrix: Water

Date Received: 08/06/21 12:21

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	795883	08/12/21 17:20	MZS	TAL EDI

Laboratory References:

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

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
625.1	625	Water	1,2-Dichlorobenzene
625.1	625	Water	1,3-Dichlorobenzene
625.1	625	Water	1,4-Dichlorobenzene
9040C		Water	pH
9040C		Water	Temperature

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0200	09-30-22
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	12-31-21
Georgia	State	12028 (NJ)	06-30-22
Massachusetts	State	M-NJ312	06-30-22
New Jersey	NELAP	12028	06-30-22
New York	NELAP	11452	04-01-22
Pennsylvania	NELAP	68-00522	02-28-22
Rhode Island	State	LAO00132	12-30-21
USDA	US Federal Programs	P330-20-00244	11-03-23

Method Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL EDI
625.1	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
1664B	HEM and SGT-HEM	1664B	TAL BUF
9040C	pH	SW846	TAL BUF
1664B	HEM and SGT-HEM (Aqueous)	1664B	TAL BUF
625	Liquid-Liquid Extraction	40CFR136A	TAL BUF

Protocol References:

1664B = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

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

Laboratory References:

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

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-188065-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-188065-1	SAN-EFFLUENT-20210806-01	Water	08/06/21 12:00	08/06/21 12:21
480-188065-2	TB-20210806-01	Water	08/06/21 00:00	08/06/21 12:21

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Chain of Custody Record

Client Information		Sampler: <u>S. Reynolds</u>		Lab PM: <u>Schove, John R</u>		Carrier Tracking No(s): <u>480-163932-30455.1</u>					
Client Contact: <u>Kathleen Kwasniak</u>		Phone: <u>716-728-5365</u>		E-Mail: <u>John.Schove@Eurofinset.com</u>		Page: <u>1 of 1</u>					
Company: <u>ERM-Northeast</u>		Address: <u>One Beacon Street 5th Floor</u>		City: <u>Boston</u>		State of Origin: <u>MA, 02108</u>					
Phone: <u>617-646-7894(Tel)</u>		PO #: <u>PN0583070 03</u>		WO #: <u>48018461</u>		Job #: <u>480-188065 Chain of Custody</u>					
Email: <u>Kathleen.Kwasniak@erm.com</u>		Project Name: <u>DANAHER-CHEEKTOWAGA</u>		Site: <u>SSOW#</u>		Preservation Codes: A - HCL B - NaOH M - Hexane N - None O - AsNaO2 P - Na2OAS Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)					
Due Date Requested: <u>Standard</u>		TAT Requested (days): <u>Standard</u>		Compliance Project: <u>Δ Yes Δ No</u>		Analysis Requested					
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	625.1, PREC - PPL SVOCs	1664B - TPH	9040C - pH	Special Instructions/Note:
<u>SAN - ESSE - 20210806-01</u>	<u>8/6/21</u>	<u>12:00</u>	<u>6</u>	<u>Water</u>	<u>Water</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>8</u>
<u>TB-20210806-01</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Water</u>	<u>Water</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>
Total Number of containers											
Special Instructions/Note:											
Other:											
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months											
Special Instructions/QC Requirements:											
Empty Kit Relinquished by: _____ Date: _____											
Relinquished by: _____ Date/Time: _____											
Relinquished by: _____ Date/Time: _____											
Relinquished by: _____ Date/Time: _____											
Custody Seals Intact: <u>Δ Yes Δ No</u>											
Custody Seal No: <u>18.0</u>											
Cooler Temperature(s) °C and Other Remarks: <u>18.0</u>											



Chain of Custody Record

[illegible]

Login Sample Receipt Checklist

Client: ERM-Northeast

Job Number: 480-188065-1

Login Number: 188065

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

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

Login Sample Receipt Checklist

Client: ERM-Northeast

Job Number: 480-188065-1

Login Number: 188065

List Number: 2

Creator: Armbruster, Chris

List Source: Eurofins TestAmerica, Edison

List Creation: 08/10/21 11:33 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	1513452
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1°C IR9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Calibration Report Of Electromagnetic Flow Meter ISOMAG® Series

Internal Reference : **381785**

Calibration Line : **4**

Order Confirmation n°: **OC18-03207**

DATI SENSORE / SENSOR DATA

Sensor Model **MS 5000-C50-A2A**
Serial Number **12W010083**
NominalDiameter **50**
Full scale **20 dm3/s**
Coefficient Ka **+2.5687**
Coefficient Kz **-444**

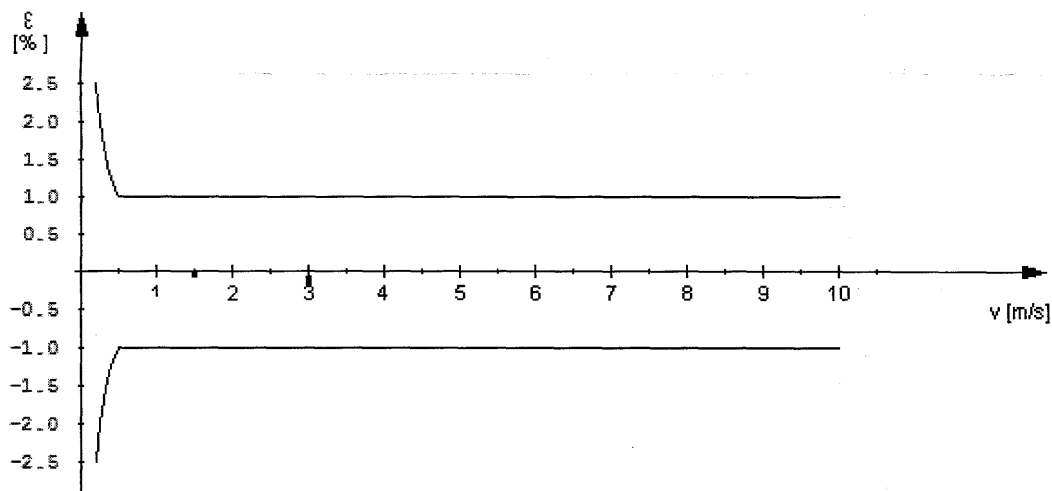
CONVERTER DATA

Converter Model **ML210**
Serial Number



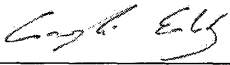
RISULTATI DELLA TARATURA / CALIBRATION RESULTS

N°	Reference Meter	Test Time	Nominal Test Speed (DUT)	Ambient Temperature	Water Temperature	Reference Flow rate	Measured Flow rate(DUT)	Deviation
	units	s	m/s	°C	°C	dm3/s	dm3/s	%
1	L04M001	60	3,003	18,0	19,8	6,0053937	5,9995231	-0,10
2	L04M001	60	3,003	18,0	19,8	6,0063974	5,9981598	-0,14
3	L04M001	60	1,502	17,9	19,8	3,0042933	3,0030544	-0,04
4	L04M001	60	1,501	17,9	19,8	3,0011742	2,9999594	-0,04



Report n°: **LSTA09997W**

Print. Date : **02/11/2018**

Approved by : 

Code : **00**

END OF REPORT

31 December 2021

Mr. Patrick Bowen, P.E.
Town Engineer
275 Alexander Avenue
Cheektowaga, New York, 14211

Subject: Quarterly Discharge Report, Q4 2021
Leica, Inc. 203 Eggert Road,
Cheektowaga, NY
Permit No. 20-02-CH014

Dear Mr. Bowen,

The Q4 2021 grab sample from the groundwater recovery system was collected on 15 November 2021. Sample SAN-EFFLUENT-20211115 was analyzed for pH, Total Extractable Hydrocarbons, VOCs, and SVOCs. All compounds were below the discharge limits specified in the permit.

A summary of totalizer readings for Q4 2021 is provided herein. As shown in the attached table, the average daily flow has been below the discharge limit of 18,000 gallons per day for the duration of the monitoring period.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, you can reach me at 617-646-7894.

Sincerely,



Kathleen Kwasniak, P.E.
Project Manager

cc:
Kim Tuyn (Danaher Corporation, on behalf of Leica, Inc.)
A. Alagna (BSA)

enclosures:

1. Laboratory Analytical Results – November 2021
2. Discharge Summary
3. Permit No. 20-02-CH014
4. System calibration certification

Leica 2021 Year-to-Date Groundwater Treatment System Discharge Summary - 12/23/2020 through 12/30/2021				
Date	Meter Reading (gal)	Flow (gal)	Average Daily Flow (gal/day)	Comments
12/23/2020	967,367			Power restored to pump; pump back online
		43,401	2,170	
1/12/2021	1,010,768			
		35,829	2,559	
1/26/2021	1,046,597			
2/1/2021				Pump offline due to power outage
2/8/2021				Power restored to pump; pump back online
		40,984	4,554	
2/11/2021	1,087,581			
		34,308	2,451	
2/25/2021	1,121,889			
2/26/2021				SAN-EFFLUENT-20210226-01 collected on 2/26/2021
2/28/2021				Pump offline due to power outage
3/8/2021				Power restored to pump; pump back online
3/10/2021				Pump offline due to power outage
		38,633	7,727	
3/15/2021	1,160,522			Power restored to pump; pump back online
		79,245	8,805	
3/24/2021	1,239,767			
3/25/2021	-			Pump offline due to power outage
		13,877	13,877	
4/1/2021	1,253,644			Power restored to pump; pump back online
4/2/2021	-			Modem associated with telemetry is replaced
4/15/2021	-			Pump offline due to power outage
4/16/2021	-			Power restored to pump; pump back online
		33,012	1,179	
4/30/2021	1,286,656			
		14,526	1,453	
5/10/2021	1,301,182			
5/25/2021	-			Pump offline due to power outage
5/26/2021	-			Power restored to pump; pump back online
		18,986	1,117	
5/28/2021	1,320,168			
6/1/2021	-			SAN-EFFLUENT-20210601-01 collected on 6/1/2021
		6,239	624	
6/7/2021	1,326,407			
6/8/2021	-			Pump offline due to power outage
6/9/2021	-			Power restored to pump; pump back online
		12,356	1,236	
6/18/2021	1,338,763			
		25,798	1,032	
7/13/2021	1,364,561			
		18,323	1,222	
7/28/2021	1,382,884			
8/6/2021	-			SAN-EFFLUENT-20210806-01 was collected on 8/6/2021
		6,102	555	
8/8/2021	1,388,986			
		4,676	275	
8/25/2021	1,393,662			
8/27/2021	-			Pump offline due to power outage
9/13/2021				Power restored to pump; pump back online
		4,440	1,110	
9/15/2021	1,398,102			Buffalo Sewer Authority inspects system and collects sample
		10,573	1,057	
9/25/2021	1,408,675			
		10,690	822	
10/8/2021	1,419,365			
		7,763	431	
10/26/2021	1,427,128			
		23,040	2,304	
11/5/2021	1,450,168			
11/6/2021				Pump offline due to power outage
11/15/2021				SAN-EFFLUENT-20211115-01 was collected on 11/15/2021
11/16/2021				Power restored to pump; pump back online
		37,725	3,144	
11/27/2021	1,487,893			
		15,393	1,283	
12/9/2021	1,503,286			
12/15/2021				Pump offline due to power outage
12/16/2021				Power restored to pump; pump back online
		29,029	1,451	
12/30/2021	1,532,315			

564,948

Total Gallons Discharged from 12/23/2020 - 12/30/2021

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-192449-1

Client Project/Site: DANAHER-CHEEKTOWAGA

For:

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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Qualifiers

GC/MS VOA

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

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Job ID: 480-192449-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-192449-1

Comments

No additional comments.

Receipt

The sample was received on 11/16/2021 1:30 PM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.4° C.

GC/MS VOA

Method 624.1: The laboratory control sample (LCS) for analytical batch 480-605140 recovered outside control limits for the following analytes: Acrolein. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 624.1: The continuing calibration verification (CCV) associated with batch 480-605140 recovered above the upper control limit for Acrolein, Carbon tetrachloride and Bromoform. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: SAN EFFLUENT-20211115 (480-192449-1).

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

GC/MS Semi VOA

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

General Chemistry

Methods 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: SAN EFFLUENT-20211115 (480-192449-1).

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

Organic Prep

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

Detection Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Client Sample ID: SAN EFFLUENT-20211115

Lab Sample ID: 480-192449-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.63	J	5.0	0.59	ug/L	1		624.1	Total/NA
1,2-Dichloroethene, Total	85		10	3.2	ug/L	1		624.1	Total/NA
trans-1,2-Dichloroethene	0.61	J	5.0	0.59	ug/L	1		624.1	Total/NA
Vinyl chloride	91		5.0	0.75	ug/L	1		624.1	Total/NA
Oil & Grease	1.4	J B	4.9	1.4	mg/L	1		1664B	Total/NA
SGT-HEM	3.3	J	4.9	1.9	mg/L	1		1664B	Total/NA
pH	7.27	HF	0.100	0.100	SU	1		9040C	Total/NA
Temperature	22.4	HF	0.00100	0.00100	Degrees C	1		9040C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Client Sample ID: SAN EFFLUENT-20211115

Lab Sample ID: 480-192449-1

Date Collected: 11/15/21 12:45

Matrix: Water

Date Received: 11/16/21 13:30

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			11/16/21 17:42	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			11/16/21 17:42	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			11/16/21 17:42	1
1,1-Dichloroethane	0.63	J	5.0	0.59	ug/L			11/16/21 17:42	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			11/16/21 17:42	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			11/16/21 17:42	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			11/16/21 17:42	1
1,2-Dichloroethene, Total	85		10	3.2	ug/L			11/16/21 17:42	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			11/16/21 17:42	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			11/16/21 17:42	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			11/16/21 17:42	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			11/16/21 17:42	1
Acrolein	ND	*+	100	17	ug/L			11/16/21 17:42	1
Acrylonitrile	ND		50	1.9	ug/L			11/16/21 17:42	1
Benzene	ND		5.0	0.60	ug/L			11/16/21 17:42	1
Bromoform	ND		5.0	0.47	ug/L			11/16/21 17:42	1
Bromomethane	ND		5.0	1.2	ug/L			11/16/21 17:42	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			11/16/21 17:42	1
Chlorobenzene	ND		5.0	0.48	ug/L			11/16/21 17:42	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			11/16/21 17:42	1
Chloroethane	ND		5.0	0.87	ug/L			11/16/21 17:42	1
Chloroform	ND		5.0	0.54	ug/L			11/16/21 17:42	1
Chloromethane	ND		5.0	0.64	ug/L			11/16/21 17:42	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			11/16/21 17:42	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			11/16/21 17:42	1
Ethylbenzene	ND		5.0	0.46	ug/L			11/16/21 17:42	1
Methylene Chloride	ND		5.0	0.81	ug/L			11/16/21 17:42	1
Tetrachloroethene	ND		5.0	0.34	ug/L			11/16/21 17:42	1
Toluene	ND		5.0	0.45	ug/L			11/16/21 17:42	1
trans-1,2-Dichloroethene	0.61	J	5.0	0.59	ug/L			11/16/21 17:42	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			11/16/21 17:42	1
Trichloroethene	ND		5.0	0.60	ug/L			11/16/21 17:42	1
Vinyl chloride	91		5.0	0.75	ug/L			11/16/21 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		68 - 130		11/16/21 17:42	1
4-Bromofluorobenzene (Surr)	99		76 - 123		11/16/21 17:42	1
Dibromofluoromethane (Surr)	103		75 - 123		11/16/21 17:42	1
Toluene-d8 (Surr)	104		77 - 120		11/16/21 17:42	1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.82	ug/L		11/18/21 16:08	11/19/21 22:33	1
1,2-Dichlorobenzene	ND		10	1.0	ug/L		11/18/21 16:08	11/19/21 22:33	1
1,2-Diphenylhydrazine	ND		10	0.78	ug/L		11/18/21 16:08	11/19/21 22:33	1
1,3-Dichlorobenzene	ND		10	0.69	ug/L		11/18/21 16:08	11/19/21 22:33	1
1,4-Dichlorobenzene	ND		10	0.82	ug/L		11/18/21 16:08	11/19/21 22:33	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.84	ug/L		11/18/21 16:08	11/19/21 22:33	1
2,4,6-Trichlorophenol	ND		5.0	1.0	ug/L		11/18/21 16:08	11/19/21 22:33	1
2,4-Dichlorophenol	ND		5.0	0.77	ug/L		11/18/21 16:08	11/19/21 22:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Client Sample ID: SAN EFFLUENT-20211115

Lab Sample ID: 480-192449-1

Date Collected: 11/15/21 12:45

Matrix: Water

Date Received: 11/16/21 13:30

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	1.4	ug/L		11/18/21 16:08	11/19/21 22:33	1
2,4-Dinitrophenol	ND		10	5.0	ug/L		11/18/21 16:08	11/19/21 22:33	1
2,4-Dinitrotoluene	ND		10	1.6	ug/L		11/18/21 16:08	11/19/21 22:33	1
2,6-Dinitrotoluene	ND		5.0	1.0	ug/L		11/18/21 16:08	11/19/21 22:33	1
2-Chloronaphthalene	ND		5.0	0.91	ug/L		11/18/21 16:08	11/19/21 22:33	1
2-Chlorophenol	ND		5.0	0.66	ug/L		11/18/21 16:08	11/19/21 22:33	1
2-Nitrophenol	ND		5.0	0.70	ug/L		11/18/21 16:08	11/19/21 22:33	1
3,3'-Dichlorobenzidine	ND		5.0	1.6	ug/L		11/18/21 16:08	11/19/21 22:33	1
4,6-Dinitro-2-methylphenol	ND		10	1.8	ug/L		11/18/21 16:08	11/19/21 22:33	1
4-Bromophenyl phenyl ether	ND		5.0	1.4	ug/L		11/18/21 16:08	11/19/21 22:33	1
4-Chloro-3-methylphenol	ND		5.0	1.1	ug/L		11/18/21 16:08	11/19/21 22:33	1
4-Chlorophenyl phenyl ether	ND		5.0	1.3	ug/L		11/18/21 16:08	11/19/21 22:33	1
4-Nitrophenol	ND		15	1.9	ug/L		11/18/21 16:08	11/19/21 22:33	1
Acenaphthene	ND		5.0	0.81	ug/L		11/18/21 16:08	11/19/21 22:33	1
Acenaphthylene	ND		5.0	0.87	ug/L		11/18/21 16:08	11/19/21 22:33	1
Anthracene	ND		5.0	1.4	ug/L		11/18/21 16:08	11/19/21 22:33	1
Benzidine	ND		80	54	ug/L		11/18/21 16:08	11/19/21 22:33	1
Benzo[a]anthracene	ND		5.0	1.1	ug/L		11/18/21 16:08	11/19/21 22:33	1
Benzo[a]pyrene	ND		5.0	1.3	ug/L		11/18/21 16:08	11/19/21 22:33	1
Benzo[b]fluoranthene	ND		5.0	1.2	ug/L		11/18/21 16:08	11/19/21 22:33	1
Benzo[g,h,i]perylene	ND		5.0	1.5	ug/L		11/18/21 16:08	11/19/21 22:33	1
Benzo[k]fluoranthene	ND		5.0	1.3	ug/L		11/18/21 16:08	11/19/21 22:33	1
Bis(2-chloroethoxy)methane	ND		5.0	0.75	ug/L		11/18/21 16:08	11/19/21 22:33	1
Bis(2-chloroethyl)ether	ND		5.0	0.93	ug/L		11/18/21 16:08	11/19/21 22:33	1
Bis(2-ethylhexyl) phthalate	ND		10	1.2	ug/L		11/18/21 16:08	11/19/21 22:33	1
Butyl benzyl phthalate	ND		5.0	1.1	ug/L		11/18/21 16:08	11/19/21 22:33	1
Chrysene	ND		5.0	1.0	ug/L		11/18/21 16:08	11/19/21 22:33	1
Dibenz(a,h)anthracene	ND		5.0	1.5	ug/L		11/18/21 16:08	11/19/21 22:33	1
Diethyl phthalate	ND		5.0	1.0	ug/L		11/18/21 16:08	11/19/21 22:33	1
Dimethyl phthalate	ND		5.0	0.91	ug/L		11/18/21 16:08	11/19/21 22:33	1
Di-n-butyl phthalate	ND		5.0	1.6	ug/L		11/18/21 16:08	11/19/21 22:33	1
Di-n-octyl phthalate	ND		5.0	1.2	ug/L		11/18/21 16:08	11/19/21 22:33	1
Fluoranthene	ND		5.0	1.6	ug/L		11/18/21 16:08	11/19/21 22:33	1
Fluorene	ND		5.0	1.0	ug/L		11/18/21 16:08	11/19/21 22:33	1
Hexachlorobenzene	ND		5.0	1.0	ug/L		11/18/21 16:08	11/19/21 22:33	1
Hexachlorobutadiene	ND		5.0	1.0	ug/L		11/18/21 16:08	11/19/21 22:33	1
Hexachlorocyclopentadiene	ND		10	2.1	ug/L		11/18/21 16:08	11/19/21 22:33	1
Hexachloroethane	ND		5.0	0.60	ug/L		11/18/21 16:08	11/19/21 22:33	1
Indeno[1,2,3-cd]pyrene	ND		5.0	1.5	ug/L		11/18/21 16:08	11/19/21 22:33	1
Isophorone	ND		5.0	0.74	ug/L		11/18/21 16:08	11/19/21 22:33	1
Naphthalene	ND		5.0	0.86	ug/L		11/18/21 16:08	11/19/21 22:33	1
Nitrobenzene	ND		5.0	0.81	ug/L		11/18/21 16:08	11/19/21 22:33	1
N-Nitrosodimethylamine	ND		10	0.57	ug/L		11/18/21 16:08	11/19/21 22:33	1
N-Nitrosodi-n-propylamine	ND		5.0	0.89	ug/L		11/18/21 16:08	11/19/21 22:33	1
N-Nitrosodiphenylamine	ND		5.0	0.82	ug/L		11/18/21 16:08	11/19/21 22:33	1
Pentachlorophenol	ND		10	3.2	ug/L		11/18/21 16:08	11/19/21 22:33	1
Phenanthrene	ND		5.0	1.2	ug/L		11/18/21 16:08	11/19/21 22:33	1
Phenol	ND		5.0	0.35	ug/L		11/18/21 16:08	11/19/21 22:33	1
Pyrene	ND		5.0	1.4	ug/L		11/18/21 16:08	11/19/21 22:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Client Sample ID: SAN EFFLUENT-20211115

Lab Sample ID: 480-192449-1

Date Collected: 11/15/21 12:45

Matrix: Water

Date Received: 11/16/21 13:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		52 - 151	11/18/21 16:08	11/19/21 22:33	1
2-Fluorobiphenyl	95		44 - 120	11/18/21 16:08	11/19/21 22:33	1
2-Fluorophenol	72		17 - 120	11/18/21 16:08	11/19/21 22:33	1
Nitrobenzene-d5	80		15 - 314	11/18/21 16:08	11/19/21 22:33	1
Phenol-d5	57		8 - 424	11/18/21 16:08	11/19/21 22:33	1
p-Terphenyl-d14 (Surr)	90		22 - 125	11/18/21 16:08	11/19/21 22:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	1.4	J B	4.9	1.4	mg/L		12/01/21 08:17	12/01/21 11:53	1
SGT-HEM	3.3	J	4.9	1.9	mg/L		12/01/21 08:17	12/01/21 11:53	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.27	HF	0.100	0.100	SU			11/23/21 11:18	1
Temperature	22.4	HF	0.00100	0.00100	Degrees C			11/23/21 11:18	1

Surrogate Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (68-130)	BFB (76-123)	DBFM (75-123)	TOL (77-120)
480-192449-1	SAN EFFLUENT-20211115	96	99	103	104
LCS 480-605140/6	Lab Control Sample	93	102	98	102
MB 480-605140/8	Method Blank	96	100	98	102
Surrogate Legend					
DCA = 1,2-Dichloroethane-d4 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
DBFM = Dibromofluoromethane (Surr)					
TOL = Toluene-d8 (Surr)					

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (15-314)	PHL (8-424)	TPHd14 (22-125)
480-192449-1	SAN EFFLUENT-20211115	105	95	72	80	57	90
LCS 480-605671/2-A	Lab Control Sample	125	106	83	104	65	105
MB 480-605671/1-A	Method Blank	72	84	63	75	48	87
Surrogate Legend							
TBP = 2,4,6-Tribromophenol							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
PHL = Phenol-d5							
TPHd14 = p-Terphenyl-d14 (Surr)							

QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-605140/8

Matrix: Water

Analysis Batch: 605140

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			11/16/21 12:18	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.26	ug/L			11/16/21 12:18	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			11/16/21 12:18	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			11/16/21 12:18	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			11/16/21 12:18	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			11/16/21 12:18	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			11/16/21 12:18	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			11/16/21 12:18	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			11/16/21 12:18	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			11/16/21 12:18	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			11/16/21 12:18	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			11/16/21 12:18	1
Acrolein	ND		100	17	ug/L			11/16/21 12:18	1
Acrylonitrile	ND		50	1.9	ug/L			11/16/21 12:18	1
Benzene	ND		5.0	0.60	ug/L			11/16/21 12:18	1
Bromoform	ND		5.0	0.47	ug/L			11/16/21 12:18	1
Bromomethane	ND		5.0	1.2	ug/L			11/16/21 12:18	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			11/16/21 12:18	1
Chlorobenzene	ND		5.0	0.48	ug/L			11/16/21 12:18	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			11/16/21 12:18	1
Chloroethane	ND		5.0	0.87	ug/L			11/16/21 12:18	1
Chloroform	ND		5.0	0.54	ug/L			11/16/21 12:18	1
Chloromethane	ND		5.0	0.64	ug/L			11/16/21 12:18	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			11/16/21 12:18	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			11/16/21 12:18	1
Ethylbenzene	ND		5.0	0.46	ug/L			11/16/21 12:18	1
Methylene Chloride	ND		5.0	0.81	ug/L			11/16/21 12:18	1
Tetrachloroethene	ND		5.0	0.34	ug/L			11/16/21 12:18	1
Toluene	ND		5.0	0.45	ug/L			11/16/21 12:18	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			11/16/21 12:18	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			11/16/21 12:18	1
Trichloroethene	ND		5.0	0.60	ug/L			11/16/21 12:18	1
Vinyl chloride	ND		5.0	0.75	ug/L			11/16/21 12:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		68 - 130		11/16/21 12:18	1
4-Bromofluorobenzene (Surr)	100		76 - 123		11/16/21 12:18	1
Dibromofluoromethane (Surr)	98		75 - 123		11/16/21 12:18	1
Toluene-d8 (Surr)	102		77 - 120		11/16/21 12:18	1

Lab Sample ID: LCS 480-605140/6

Matrix: Water

Analysis Batch: 605140

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	22.1		ug/L		111	52 - 162
1,1,2,2-Tetrachloroethane	20.0	22.3		ug/L		111	46 - 157
1,1,2-Trichloroethane	20.0	22.5		ug/L		113	52 - 150

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QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-605140/6

Matrix: Water

Analysis Batch: 605140

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	21.0		ug/L		105	59 - 155
1,1-Dichloroethene	20.0	23.1		ug/L		116	1 - 234
1,2-Dichlorobenzene	20.0	22.0		ug/L		110	18 - 190
1,2-Dichloroethane	20.0	20.3		ug/L		101	49 - 155
1,2-Dichloropropane	20.0	22.4		ug/L		112	1 - 210
1,3-Dichlorobenzene	20.0	21.8		ug/L		109	59 - 156
1,4-Dichlorobenzene	20.0	21.8		ug/L		109	18 - 190
2-Chloroethyl vinyl ether	20.0	23.4	J	ug/L		117	1 - 305
Benzene	20.0	22.5		ug/L		113	37 - 151
Bromoform	20.0	27.7		ug/L		138	45 - 169
Bromomethane	20.0	20.6		ug/L		103	1 - 242
Carbon tetrachloride	20.0	25.1		ug/L		125	70 - 140
Chlorobenzene	20.0	22.0		ug/L		110	37 - 160
Chlorodibromomethane	20.0	25.0		ug/L		125	53 - 149
Chloroethane	20.0	21.5		ug/L		107	14 - 230
Chloroform	20.0	21.3		ug/L		107	51 - 138
Chloromethane	20.0	18.1		ug/L		90	1 - 273
cis-1,3-Dichloropropene	20.0	22.4		ug/L		112	1 - 227
Dichlorobromomethane	20.0	22.8		ug/L		114	35 - 155
Ethylbenzene	20.0	22.5		ug/L		113	37 - 162
Methylene Chloride	20.0	21.8		ug/L		109	1 - 221
Tetrachloroethene	20.0	23.0		ug/L		115	64 - 148
Toluene	20.0	22.4		ug/L		112	47 - 150
trans-1,2-Dichloroethene	20.0	22.4		ug/L		112	54 - 156
trans-1,3-Dichloropropene	20.0	22.2		ug/L		111	17 - 183
Trichloroethene	20.0	21.4		ug/L		107	71 - 157
Vinyl chloride	20.0	19.6		ug/L		98	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		68 - 130
4-Bromofluorobenzene (Surr)	102		76 - 123
Dibromofluoromethane (Surr)	98		75 - 123
Toluene-d8 (Surr)	102		77 - 120

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-605671/1-A

Matrix: Water

Analysis Batch: 605780

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 605671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.82	ug/L		11/18/21 16:08	11/19/21 19:24	1
1,2-Dichlorobenzene	ND		10	1.0	ug/L		11/18/21 16:08	11/19/21 19:24	1
1,2-Diphenylhydrazine	ND		10	0.78	ug/L		11/18/21 16:08	11/19/21 19:24	1
1,3-Dichlorobenzene	ND		10	0.69	ug/L		11/18/21 16:08	11/19/21 19:24	1
1,4-Dichlorobenzene	ND		10	0.82	ug/L		11/18/21 16:08	11/19/21 19:24	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.84	ug/L		11/18/21 16:08	11/19/21 19:24	1
2,4,6-Trichlorophenol	ND		5.0	1.0	ug/L		11/18/21 16:08	11/19/21 19:24	1
2,4-Dichlorophenol	ND		5.0	0.77	ug/L		11/18/21 16:08	11/19/21 19:24	1

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QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-605671/1-A

Matrix: Water

Analysis Batch: 605780

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 605671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	1.4	ug/L		11/18/21 16:08	11/19/21 19:24	1
2,4-Dinitrophenol	ND		10	5.0	ug/L		11/18/21 16:08	11/19/21 19:24	1
2,4-Dinitrotoluene	ND		10	1.6	ug/L		11/18/21 16:08	11/19/21 19:24	1
2,6-Dinitrotoluene	ND		5.0	1.0	ug/L		11/18/21 16:08	11/19/21 19:24	1
2-Chloronaphthalene	ND		5.0	0.91	ug/L		11/18/21 16:08	11/19/21 19:24	1
2-Chlorophenol	ND		5.0	0.66	ug/L		11/18/21 16:08	11/19/21 19:24	1
2-Nitrophenol	ND		5.0	0.70	ug/L		11/18/21 16:08	11/19/21 19:24	1
3,3'-Dichlorobenzidine	ND		5.0	1.6	ug/L		11/18/21 16:08	11/19/21 19:24	1
4,6-Dinitro-2-methylphenol	ND		10	1.8	ug/L		11/18/21 16:08	11/19/21 19:24	1
4-Bromophenyl phenyl ether	ND		5.0	1.4	ug/L		11/18/21 16:08	11/19/21 19:24	1
4-Chloro-3-methylphenol	ND		5.0	1.1	ug/L		11/18/21 16:08	11/19/21 19:24	1
4-Chlorophenyl phenyl ether	ND		5.0	1.3	ug/L		11/18/21 16:08	11/19/21 19:24	1
4-Nitrophenol	ND		15	1.9	ug/L		11/18/21 16:08	11/19/21 19:24	1
Acenaphthene	ND		5.0	0.81	ug/L		11/18/21 16:08	11/19/21 19:24	1
Acenaphthylene	ND		5.0	0.87	ug/L		11/18/21 16:08	11/19/21 19:24	1
Anthracene	ND		5.0	1.4	ug/L		11/18/21 16:08	11/19/21 19:24	1
Benzidine	ND		80	54	ug/L		11/18/21 16:08	11/19/21 19:24	1
Benzo[a]anthracene	ND		5.0	1.1	ug/L		11/18/21 16:08	11/19/21 19:24	1
Benzo[a]pyrene	ND		5.0	1.3	ug/L		11/18/21 16:08	11/19/21 19:24	1
Benzo[b]fluoranthene	ND		5.0	1.2	ug/L		11/18/21 16:08	11/19/21 19:24	1
Benzo[g,h,i]perylene	ND		5.0	1.5	ug/L		11/18/21 16:08	11/19/21 19:24	1
Benzo[k]fluoranthene	ND		5.0	1.3	ug/L		11/18/21 16:08	11/19/21 19:24	1
Bis(2-chloroethoxy)methane	ND		5.0	0.75	ug/L		11/18/21 16:08	11/19/21 19:24	1
Bis(2-chloroethyl)ether	ND		5.0	0.93	ug/L		11/18/21 16:08	11/19/21 19:24	1
Bis(2-ethylhexyl) phthalate	ND		10	1.2	ug/L		11/18/21 16:08	11/19/21 19:24	1
Butyl benzyl phthalate	ND		5.0	1.1	ug/L		11/18/21 16:08	11/19/21 19:24	1
Chrysene	ND		5.0	1.0	ug/L		11/18/21 16:08	11/19/21 19:24	1
Dibenz(a,h)anthracene	ND		5.0	1.5	ug/L		11/18/21 16:08	11/19/21 19:24	1
Diethyl phthalate	ND		5.0	1.0	ug/L		11/18/21 16:08	11/19/21 19:24	1
Dimethyl phthalate	ND		5.0	0.91	ug/L		11/18/21 16:08	11/19/21 19:24	1
Di-n-butyl phthalate	ND		5.0	1.6	ug/L		11/18/21 16:08	11/19/21 19:24	1
Di-n-octyl phthalate	ND		5.0	1.2	ug/L		11/18/21 16:08	11/19/21 19:24	1
Fluoranthene	ND		5.0	1.6	ug/L		11/18/21 16:08	11/19/21 19:24	1
Fluorene	ND		5.0	1.0	ug/L		11/18/21 16:08	11/19/21 19:24	1
Hexachlorobenzene	ND		5.0	1.0	ug/L		11/18/21 16:08	11/19/21 19:24	1
Hexachlorobutadiene	ND		5.0	1.0	ug/L		11/18/21 16:08	11/19/21 19:24	1
Hexachlorocyclopentadiene	ND		10	2.1	ug/L		11/18/21 16:08	11/19/21 19:24	1
Hexachloroethane	ND		5.0	0.60	ug/L		11/18/21 16:08	11/19/21 19:24	1
Indeno[1,2,3-cd]pyrene	ND		5.0	1.5	ug/L		11/18/21 16:08	11/19/21 19:24	1
Isophorone	ND		5.0	0.74	ug/L		11/18/21 16:08	11/19/21 19:24	1
Naphthalene	ND		5.0	0.86	ug/L		11/18/21 16:08	11/19/21 19:24	1
Nitrobenzene	ND		5.0	0.81	ug/L		11/18/21 16:08	11/19/21 19:24	1
N-Nitrosodimethylamine	ND		10	0.57	ug/L		11/18/21 16:08	11/19/21 19:24	1
N-Nitrosodi-n-propylamine	ND		5.0	0.89	ug/L		11/18/21 16:08	11/19/21 19:24	1
N-Nitrosodiphenylamine	ND		5.0	0.82	ug/L		11/18/21 16:08	11/19/21 19:24	1
Pentachlorophenol	ND		10	3.2	ug/L		11/18/21 16:08	11/19/21 19:24	1
Phenanthrene	ND		5.0	1.2	ug/L		11/18/21 16:08	11/19/21 19:24	1
Phenol	ND		5.0	0.35	ug/L		11/18/21 16:08	11/19/21 19:24	1
Pyrene	ND		5.0	1.4	ug/L		11/18/21 16:08	11/19/21 19:24	1

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QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		52 - 151	11/18/21 16:08	11/19/21 19:24	1
2-Fluorobiphenyl	84		44 - 120	11/18/21 16:08	11/19/21 19:24	1
2-Fluorophenol	63		17 - 120	11/18/21 16:08	11/19/21 19:24	1
Nitrobenzene-d5	75		15 - 314	11/18/21 16:08	11/19/21 19:24	1
Phenol-d5	48		8 - 424	11/18/21 16:08	11/19/21 19:24	1
p-Terphenyl-d14 (Surr)	87		22 - 125	11/18/21 16:08	11/19/21 19:24	1

Lab Sample ID: LCS 480-605671/2-A

Matrix: Water

Analysis Batch: 605780

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 605671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	34.6		ug/L		108	44 - 142
1,2-Dichlorobenzene	32.0	33.1		ug/L		103	32 - 129
1,2-Diphenylhydrazine	32.0	33.6		ug/L		105	47 - 146
1,3-Dichlorobenzene	32.0	32.4		ug/L		101	1 - 172
1,4-Dichlorobenzene	32.0	31.3		ug/L		98	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	30.6		ug/L		96	36 - 166
2,4,6-Trichlorophenol	32.0	34.1		ug/L		107	37 - 144
2,4-Dichlorophenol	32.0	36.3		ug/L		113	39 - 135
2,4-Dimethylphenol	32.0	37.2		ug/L		116	32 - 120
2,4-Dinitrophenol	64.0	58.1		ug/L		91	1 - 191
2,4-Dinitrotoluene	32.0	35.4		ug/L		111	39 - 139
2,6-Dinitrotoluene	32.0	36.9		ug/L		115	50 - 158
2-Chloronaphthalene	32.0	35.9		ug/L		112	60 - 120
2-Chlorophenol	32.0	33.0		ug/L		103	23 - 134
2-Nitrophenol	32.0	35.5		ug/L		111	29 - 182
3,3'-Dichlorobenzidine	64.0	61.9		ug/L		97	1 - 262
4,6-Dinitro-2-methylphenol	64.0	65.7		ug/L		103	1 - 181
4-Bromophenyl phenyl ether	32.0	37.6		ug/L		118	53 - 127
4-Chloro-3-methylphenol	32.0	37.2		ug/L		116	22 - 147
4-Chlorophenyl phenyl ether	32.0	36.0		ug/L		112	25 - 158
4-Nitrophenol	64.0	45.6		ug/L		71	1 - 132
Acenaphthene	32.0	33.3		ug/L		104	47 - 145
Acenaphthylene	32.0	32.2		ug/L		101	33 - 145
Anthracene	32.0	34.9		ug/L		109	27 - 133
Benzidine	64.0	ND		ug/L		49	1 - 120
Benzo[a]anthracene	32.0	34.0		ug/L		106	33 - 143
Benzo[a]pyrene	32.0	28.8		ug/L		90	17 - 163
Benzo[b]fluoranthene	32.0	33.2		ug/L		104	24 - 159
Benzo[g,h,i]perylene	32.0	34.2		ug/L		107	1 - 219
Benzo[k]fluoranthene	32.0	32.7		ug/L		102	11 - 162
Bis(2-chloroethoxy)methane	32.0	36.7		ug/L		115	33 - 184
Bis(2-chloroethyl)ether	32.0	35.2		ug/L		110	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	33.2		ug/L		104	8 - 158
Butyl benzyl phthalate	32.0	36.2		ug/L		113	1 - 152
Chrysene	32.0	32.3		ug/L		101	17 - 168
Dibenz(a,h)anthracene	32.0	34.1		ug/L		107	1 - 227
Diethyl phthalate	32.0	36.7		ug/L		115	1 - 120
Dimethyl phthalate	32.0	37.1		ug/L		116	1 - 120
Di-n-butyl phthalate	32.0	36.8		ug/L		115	1 - 120

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QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-605671/2-A

Matrix: Water

Analysis Batch: 605780

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 605671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	32.0	32.8		ug/L		103	4 - 146
Fluoranthene	32.0	35.9		ug/L		112	26 - 137
Fluorene	32.0	35.5		ug/L		111	59 - 121
Hexachlorobenzene	32.0	37.0		ug/L		115	1 - 152
Hexachlorobutadiene	32.0	33.2		ug/L		104	24 - 120
Hexachlorocyclopentadiene	32.0	21.4		ug/L		67	5 - 120
Hexachloroethane	32.0	30.9		ug/L		97	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	33.1		ug/L		103	1 - 171
Isophorone	32.0	35.2		ug/L		110	21 - 196
Naphthalene	32.0	33.6		ug/L		105	21 - 133
Nitrobenzene	32.0	33.9		ug/L		106	35 - 180
N-Nitrosodimethylamine	32.0	24.7		ug/L		77	19 - 120
N-Nitrosodi-n-propylamine	32.0	36.5		ug/L		114	1 - 230
N-Nitrosodiphenylamine	32.0	36.5		ug/L		114	54 - 125
Pentachlorophenol	64.0	51.8		ug/L		81	14 - 176
Phenanthrene	32.0	35.3		ug/L		110	54 - 120
Phenol	32.0	21.1		ug/L		66	5 - 120
Pyrene	32.0	35.1		ug/L		110	52 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	125		52 - 151
2-Fluorobiphenyl	106		44 - 120
2-Fluorophenol	83		17 - 120
Nitrobenzene-d5	104		15 - 314
Phenol-d5	65		8 - 424
p-Terphenyl-d14 (Surr)	105		22 - 125

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 480-607168/1-A

Matrix: Water

Analysis Batch: 607237

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 607168

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	1.50	J	5.0	1.4	mg/L		12/01/21 08:17	12/01/21 11:53	1
SGT-HEM	ND		5.0	1.9	mg/L		12/01/21 08:17	12/01/21 11:53	1

Lab Sample ID: LCS 480-607168/2-A

Matrix: Water

Analysis Batch: 607237

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 607168

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Oil & Grease	40.0	33.30		mg/L		83	78 - 114
SGT-HEM	20.0	14.80		mg/L		74	64 - 132

QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Method: 1664B - HEM and SGT-HEM (Continued)

Lab Sample ID: 480-192449-1 MS

Matrix: Water

Analysis Batch: 607237

Client Sample ID: SAN EFFLUENT-20211115

Prep Type: Total/NA

Prep Batch: 607168

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Oil & Grease	1.4	J B	38.1	29.62		mg/L		78	78 - 114
SGT-HEM	3.3	J	19.0	16.00		mg/L		66	64 - 132

Method: 9040C - pH

Lab Sample ID: LCS 480-606286/1

Matrix: Water

Analysis Batch: 606286

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.955		SU		99	99 - 101

QC Association Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

GC/MS VOA

Analysis Batch: 605140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-192449-1	SAN EFFLUENT-20211115	Total/NA	Water	624.1	
MB 480-605140/8	Method Blank	Total/NA	Water	624.1	
LCS 480-605140/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 605671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-192449-1	SAN EFFLUENT-20211115	Total/NA	Water	625	
MB 480-605671/1-A	Method Blank	Total/NA	Water	625	
LCS 480-605671/2-A	Lab Control Sample	Total/NA	Water	625	

Analysis Batch: 605780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-192449-1	SAN EFFLUENT-20211115	Total/NA	Water	625.1	605671
MB 480-605671/1-A	Method Blank	Total/NA	Water	625.1	605671
LCS 480-605671/2-A	Lab Control Sample	Total/NA	Water	625.1	605671

General Chemistry

Analysis Batch: 606286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-192449-1	SAN EFFLUENT-20211115	Total/NA	Water	9040C	
LCS 480-606286/1	Lab Control Sample	Total/NA	Water	9040C	

Prep Batch: 607168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-192449-1	SAN EFFLUENT-20211115	Total/NA	Water	1664B	
MB 480-607168/1-A	Method Blank	Total/NA	Water	1664B	
LCS 480-607168/2-A	Lab Control Sample	Total/NA	Water	1664B	
480-192449-1 MS	SAN EFFLUENT-20211115	Total/NA	Water	1664B	

Analysis Batch: 607237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-192449-1	SAN EFFLUENT-20211115	Total/NA	Water	1664B	607168
MB 480-607168/1-A	Method Blank	Total/NA	Water	1664B	607168
LCS 480-607168/2-A	Lab Control Sample	Total/NA	Water	1664B	607168
480-192449-1 MS	SAN EFFLUENT-20211115	Total/NA	Water	1664B	607168

Lab Chronicle

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Client Sample ID: SAN EFFLUENT-20211115

Lab Sample ID: 480-192449-1

Date Collected: 11/15/21 12:45

Matrix: Water

Date Received: 11/16/21 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	605140	11/16/21 17:42	ATG	TAL BUF
Total/NA	Prep	625			605671	11/18/21 16:08	CMC	TAL BUF
Total/NA	Analysis	625.1		1	605780	11/19/21 22:33	JMM	TAL BUF
Total/NA	Prep	1664B			607168	12/01/21 08:17	MJB	TAL BUF
Total/NA	Analysis	1664B		1	607237	12/01/21 11:53	MJB	TAL BUF
Total/NA	Analysis	9040C		1	606286	11/23/21 11:18	DLG	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
624.1		Water	1,2-Dichloroethene, Total
625.1	625	Water	1,2-Dichlorobenzene
625.1	625	Water	1,3-Dichlorobenzene
625.1	625	Water	1,4-Dichlorobenzene
9040C		Water	pH
9040C		Water	Temperature

Method Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
625.1	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
1664B	HEM and SGT-HEM	1664B	TAL BUF
9040C	pH	SW846	TAL BUF
1664B	HEM and SGT-HEM (Aqueous)	1664B	TAL BUF
625	Liquid-Liquid Extraction	40CFR136A	TAL BUF

Protocol References:

1664B = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

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

Laboratory References:

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

Sample Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-192449-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-192449-1	SAN EFFLUENT-20211115	Water	11/15/21 12:45	11/16/21 13:30

1

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Chain of Custody Record

Client Information		Sampler: <i>Adrian Baker</i>		Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-157343-34543.2
Client Contact: Alice Sandzen		Phone: <i>716-706-9415</i>		E-Mail: John.Schove@Eurofinset.com	State of Origin:	Page: Page 2 of 2
Company: ERM-Northeast		PWSID:				
Address: One Beacon Steel 5th Floor		Due Date Requested:		Analysis Requested		
City: Boston		TAT Requested (days):				
State, Zip: MA, 02108		Compliance Project: ☐ Yes ☒ No				
Phone: 617-646-7894(Tel)		PO #: 0541332.01				
Email: alice.sandzen@erm.com		WO #: 48018461				
Project Name: PN: 0487535 Phase 4		Project #: 48018461				
Site: <i>Danaher Cheektowaga, NY</i>		SSOW#:				
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastefluid, BT=Tissue, A=Air)	Preservation Code:
<i>SANEFLEUENT - 20211115</i>		<i>11/15/2021</i>	<i>12:45</i>	<i>G</i>	<i>Water</i>	
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological				
Deliverable Requested: I, II, III, IV, Other (specify)						
Empty Kit Relinquished by: <i>Adrian Baker</i>		Date: <i>11/15/2021</i>	Time: <i>13:30</i>			
Relinquished by: <i>Adrian Baker</i>		Date/Time: <i>11/15/2021 13:30</i>	Company: <i>ERM</i>			
Relinquished by:		Date/Time:	Company:			
Relinquished by:		Date/Time:	Company:			
Custody Seals Intact: ☐ Yes ☒ No		Custody Seal No.:				

Special Instructions/Note:		Special Instructions/QC Requirements:	
Total Number of containers: <i>8</i> Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2SO3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months 480-192449 Chain of Custody	

Login Sample Receipt Checklist

Client: ERM-Northeast

Job Number: 480-192449-1

Login Number: 192449

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

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

Calibration Report Of Electromagnetic Flow Meter ISOMAG® Series

Internal Reference : **381785**

Calibration Line : **4**

Order Confirmation n°: **OC18-03207**

DATI SENSORE / SENSOR DATA

Sensor Model **MS 5000-C50-A2A**
Serial Number **12W010083**
NominalDiameter **50**
Full scale **20 dm3/s**
Coefficient Ka **+2.5687**
Coefficient Kz **-444**

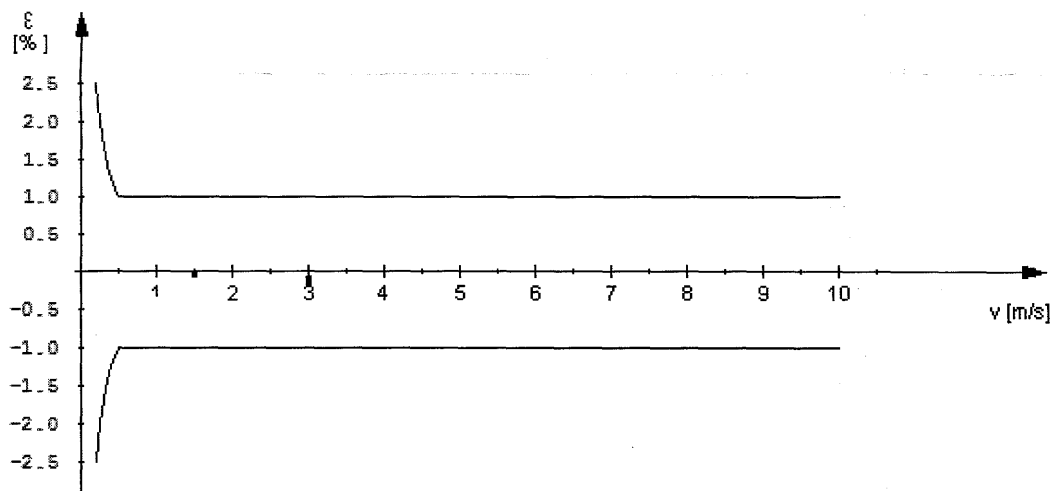
CONVERTER DATA

Converter Model **ML210**
Serial Number



RISULTATI DELLA TARATURA / CALIBRATION RESULTS

N°	Reference Meter	Test Time	Nominal Test Speed (DUT)	Ambient Temperature	Water Temperature	Reference Flow rate	Measured Flow rate(DUT)	Deviation
	units	s	m/s	°C	°C	dm3/s	dm3/s	%
1	L04M001	60	3,003	18,0	19,8	6,0053937	5,9995231	-0,10
2	L04M001	60	3,003	18,0	19,8	6,0063974	5,9981598	-0,14
3	L04M001	60	1,502	17,9	19,8	3,0042933	3,0030544	-0,04
4	L04M001	60	1,501	17,9	19,8	3,0011742	2,9999594	-0,04



Report n°: **LSTA09997W**

Print. Date : **02/11/2018**

Approved by :

Code : **00**

END OF REPORT

31 March 2022

Mr. Patrick Bowen, P.E.
Town Engineer
275 Alexander Avenue
Cheektowaga, New York, 14211

Subject: Quarterly Discharge Report, Q1 2022
Leica, Inc. 203 Eggert Road,
Cheektowaga, NY
Permit No. 20-02-CH014

Dear Mr. Bowen,

The Q1 2022 grab sample from the groundwater recovery system was collected on 25 February 2022. Sample SAN-EFFLUENT-20220225 was analyzed for pH, Total Extractable Hydrocarbons, VOCs, and SVOCs. All compounds were below the discharge limits specified in the permit.

A summary of totalizer readings for Q1 2022 is provided herein. As shown in the attached table, the average daily flow has been below the discharge limit of 18,000 gallons per day for the duration of the monitoring period.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, you can reach me at 617-646-7894.

Sincerely,



Kathleen Kwasniak, P.E.
Project Manager

cc:
Kim Tuyn (Danaher Corporation, on behalf of Leica, Inc.)
A. Alagna (BSA)

enclosures:

1. Laboratory Analytical Results – February 2022
2. Discharge Summary
3. Permit No. 20-02-CH014
4. System calibration certification

ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-195341-1
Client Project/Site: DANAHER-CHEEKTOWAGA

For:
ERM-Northeast
One Beacon Steet
5th Floor
Boston, Massachusetts 02108

Attn: Kathleen Kwasniak



Authorized for release by:
3/14/2022 11:48:30 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com
Designee for
John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

LINKS

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results through

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

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

Case Narrative

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Job ID: 480-195341-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-195341-1

Comments

No additional comments.

Receipt

The sample was received on 2/25/2022 3:00 PM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.1° C.

Receipt Exceptions

Trip blank listed on COC was not received.

GC/MS VOA

Method 624.1: The following sample was diluted to bring the concentration of target analytes within the calibration range: SAN-EFFLUENT-20220225 (480-195341-1). Elevated reporting limits (RLs) are provided.

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

GC/MS Semi VOA

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

General Chemistry

Method 1664B: Analysis for Hexane Extractable Material (HEM) was performed for the following sample: SAN-EFFLUENT-20220225 (480-195341-1). Since the HEM result(s) was below the reporting limit (RL), the result(s) for Silica Gel Treated - Hexane Extractable Material (SGT-HEM) was reported as a non-detect. All HEM quality control criteria were met.

Methods 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: SAN-EFFLUENT-20220225 (480-195341-1).

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

Organic Prep

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

Detection Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Client Sample ID: SAN-EFFLUENT-20220225

Lab Sample ID: 480-195341-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethene, Total	210		40	13	ug/L	4		624.1	Total/NA
Vinyl chloride	160		20	3.0	ug/L	4		624.1	Total/NA
Naphthalene	1.6	J	5.0	0.86	ug/L	1		625.1	Total/NA
pH	7.73	HF	0.100	0.100	SU	1		9040C	Total/NA
Temperature	18.7	HF	0.00100	0.00100	Degrees C	1		9040C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Client Sample ID: SAN-EFFLUENT-20220225

Lab Sample ID: 480-195341-1

Date Collected: 02/25/22 14:35

Matrix: Water

Date Received: 02/25/22 15:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	1.5	ug/L			02/28/22 20:19	4
1,1,1,2-Tetrachloroethane	ND		20	1.0	ug/L			02/28/22 20:19	4
1,1,2-Trichloroethane	ND		20	1.9	ug/L			02/28/22 20:19	4
1,1-Dichloroethane	ND		20	2.4	ug/L			02/28/22 20:19	4
1,1-Dichloroethene	ND		20	3.4	ug/L			02/28/22 20:19	4
1,2-Dichlorobenzene	ND		20	1.8	ug/L			02/28/22 20:19	4
1,2-Dichloroethane	ND		20	2.4	ug/L			02/28/22 20:19	4
1,2-Dichloroethene, Total	210		40	13	ug/L			02/28/22 20:19	4
1,2-Dichloropropane	ND		20	2.4	ug/L			02/28/22 20:19	4
1,3-Dichlorobenzene	ND		20	2.2	ug/L			02/28/22 20:19	4
1,4-Dichlorobenzene	ND		20	2.0	ug/L			02/28/22 20:19	4
2-Chloroethyl vinyl ether	ND		100	7.4	ug/L			02/28/22 20:19	4
Acrolein	ND		400	70	ug/L			02/28/22 20:19	4
Acrylonitrile	ND		200	7.6	ug/L			02/28/22 20:19	4
Benzene	ND		20	2.4	ug/L			02/28/22 20:19	4
Bromoform	ND		20	1.9	ug/L			02/28/22 20:19	4
Bromomethane	ND		20	4.8	ug/L			02/28/22 20:19	4
Carbon tetrachloride	ND		20	2.0	ug/L			02/28/22 20:19	4
Chlorobenzene	ND		20	1.9	ug/L			02/28/22 20:19	4
Chlorodibromomethane	ND		20	1.7	ug/L			02/28/22 20:19	4
Chloroethane	ND		20	3.5	ug/L			02/28/22 20:19	4
Chloroform	ND		20	2.2	ug/L			02/28/22 20:19	4
Chloromethane	ND		20	2.5	ug/L			02/28/22 20:19	4
cis-1,3-Dichloropropene	ND		20	1.3	ug/L			02/28/22 20:19	4
Dichlorobromomethane	ND		20	2.1	ug/L			02/28/22 20:19	4
Ethylbenzene	ND		20	1.9	ug/L			02/28/22 20:19	4
Methylene Chloride	ND		20	3.3	ug/L			02/28/22 20:19	4
Tetrachloroethene	ND		20	1.4	ug/L			02/28/22 20:19	4
Toluene	ND		20	1.8	ug/L			02/28/22 20:19	4
trans-1,2-Dichloroethene	ND		20	2.4	ug/L			02/28/22 20:19	4
trans-1,3-Dichloropropene	ND		20	1.8	ug/L			02/28/22 20:19	4
Trichloroethene	ND		20	2.4	ug/L			02/28/22 20:19	4
Vinyl chloride	160		20	3.0	ug/L			02/28/22 20:19	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		68 - 130		02/28/22 20:19	4
4-Bromofluorobenzene (Surr)	102		76 - 123		02/28/22 20:19	4
Dibromofluoromethane (Surr)	111		75 - 123		02/28/22 20:19	4
Toluene-d8 (Surr)	100		77 - 120		02/28/22 20:19	4

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.82	ug/L		03/04/22 09:20	03/06/22 22:28	1
1,2-Dichlorobenzene	ND		10	1.0	ug/L		03/04/22 09:20	03/06/22 22:28	1
1,2-Diphenylhydrazine	ND		10	0.78	ug/L		03/04/22 09:20	03/06/22 22:28	1
1,3-Dichlorobenzene	ND		10	0.69	ug/L		03/04/22 09:20	03/06/22 22:28	1
1,4-Dichlorobenzene	ND		10	0.82	ug/L		03/04/22 09:20	03/06/22 22:28	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.84	ug/L		03/04/22 09:20	03/06/22 22:28	1
2,4,6-Trichlorophenol	ND		5.0	1.0	ug/L		03/04/22 09:20	03/06/22 22:28	1
2,4-Dichlorophenol	ND		5.0	0.77	ug/L		03/04/22 09:20	03/06/22 22:28	1

Eurofins Buffalo

Client Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Client Sample ID: SAN-EFFLUENT-20220225

Lab Sample ID: 480-195341-1

Date Collected: 02/25/22 14:35

Matrix: Water

Date Received: 02/25/22 15:00

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	1.4	ug/L		03/04/22 09:20	03/06/22 22:28	1
2,4-Dinitrophenol	ND		10	5.0	ug/L		03/04/22 09:20	03/06/22 22:28	1
2,4-Dinitrotoluene	ND		10	1.6	ug/L		03/04/22 09:20	03/06/22 22:28	1
2,6-Dinitrotoluene	ND		5.0	1.0	ug/L		03/04/22 09:20	03/06/22 22:28	1
2-Chloronaphthalene	ND		5.0	0.91	ug/L		03/04/22 09:20	03/06/22 22:28	1
2-Chlorophenol	ND		5.0	0.66	ug/L		03/04/22 09:20	03/06/22 22:28	1
2-Nitrophenol	ND		5.0	0.70	ug/L		03/04/22 09:20	03/06/22 22:28	1
3,3'-Dichlorobenzidine	ND		5.0	1.6	ug/L		03/04/22 09:20	03/06/22 22:28	1
4,6-Dinitro-2-methylphenol	ND		10	1.8	ug/L		03/04/22 09:20	03/06/22 22:28	1
4-Bromophenyl phenyl ether	ND		5.0	1.4	ug/L		03/04/22 09:20	03/06/22 22:28	1
4-Chloro-3-methylphenol	ND		5.0	1.1	ug/L		03/04/22 09:20	03/06/22 22:28	1
4-Chlorophenyl phenyl ether	ND		5.0	1.3	ug/L		03/04/22 09:20	03/06/22 22:28	1
4-Nitrophenol	ND		15	1.9	ug/L		03/04/22 09:20	03/06/22 22:28	1
Acenaphthene	ND		5.0	0.81	ug/L		03/04/22 09:20	03/06/22 22:28	1
Acenaphthylene	ND		5.0	0.87	ug/L		03/04/22 09:20	03/06/22 22:28	1
Anthracene	ND		5.0	1.4	ug/L		03/04/22 09:20	03/06/22 22:28	1
Benzidine	ND		80	54	ug/L		03/04/22 09:20	03/06/22 22:28	1
Benzo[a]anthracene	ND		5.0	1.1	ug/L		03/04/22 09:20	03/06/22 22:28	1
Benzo[a]pyrene	ND		5.0	1.3	ug/L		03/04/22 09:20	03/06/22 22:28	1
Benzo[b]fluoranthene	ND		5.0	1.2	ug/L		03/04/22 09:20	03/06/22 22:28	1
Benzo[g,h,i]perylene	ND		5.0	1.5	ug/L		03/04/22 09:20	03/06/22 22:28	1
Benzo[k]fluoranthene	ND		5.0	1.3	ug/L		03/04/22 09:20	03/06/22 22:28	1
Bis(2-chloroethoxy)methane	ND		5.0	0.75	ug/L		03/04/22 09:20	03/06/22 22:28	1
Bis(2-chloroethyl)ether	ND		5.0	0.93	ug/L		03/04/22 09:20	03/06/22 22:28	1
Bis(2-ethylhexyl) phthalate	ND		10	1.2	ug/L		03/04/22 09:20	03/06/22 22:28	1
Butyl benzyl phthalate	ND		5.0	1.1	ug/L		03/04/22 09:20	03/06/22 22:28	1
Chrysene	ND		5.0	1.0	ug/L		03/04/22 09:20	03/06/22 22:28	1
Dibenz(a,h)anthracene	ND		5.0	1.5	ug/L		03/04/22 09:20	03/06/22 22:28	1
Diethyl phthalate	ND		5.0	1.0	ug/L		03/04/22 09:20	03/06/22 22:28	1
Dimethyl phthalate	ND		5.0	0.91	ug/L		03/04/22 09:20	03/06/22 22:28	1
Di-n-butyl phthalate	ND		5.0	1.6	ug/L		03/04/22 09:20	03/06/22 22:28	1
Di-n-octyl phthalate	ND		5.0	1.2	ug/L		03/04/22 09:20	03/06/22 22:28	1
Fluoranthene	ND		5.0	1.6	ug/L		03/04/22 09:20	03/06/22 22:28	1
Fluorene	ND		5.0	1.0	ug/L		03/04/22 09:20	03/06/22 22:28	1
Hexachlorobenzene	ND		5.0	1.0	ug/L		03/04/22 09:20	03/06/22 22:28	1
Hexachlorobutadiene	ND		5.0	1.0	ug/L		03/04/22 09:20	03/06/22 22:28	1
Hexachlorocyclopentadiene	ND		10	2.1	ug/L		03/04/22 09:20	03/06/22 22:28	1
Hexachloroethane	ND		5.0	0.60	ug/L		03/04/22 09:20	03/06/22 22:28	1
Indeno[1,2,3-cd]pyrene	ND		5.0	1.5	ug/L		03/04/22 09:20	03/06/22 22:28	1
Isophorone	ND		5.0	0.74	ug/L		03/04/22 09:20	03/06/22 22:28	1
Naphthalene	1.6	J	5.0	0.86	ug/L		03/04/22 09:20	03/06/22 22:28	1
Nitrobenzene	ND		5.0	0.81	ug/L		03/04/22 09:20	03/06/22 22:28	1
N-Nitrosodimethylamine	ND		10	0.57	ug/L		03/04/22 09:20	03/06/22 22:28	1
N-Nitrosodi-n-propylamine	ND		5.0	0.89	ug/L		03/04/22 09:20	03/06/22 22:28	1
N-Nitrosodiphenylamine	ND		5.0	0.82	ug/L		03/04/22 09:20	03/06/22 22:28	1
Pentachlorophenol	ND		10	3.2	ug/L		03/04/22 09:20	03/06/22 22:28	1
Phenanthrene	ND		5.0	1.2	ug/L		03/04/22 09:20	03/06/22 22:28	1
Phenol	ND		5.0	0.35	ug/L		03/04/22 09:20	03/06/22 22:28	1
Pyrene	ND		5.0	1.4	ug/L		03/04/22 09:20	03/06/22 22:28	1

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Client Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Client Sample ID: SAN-EFFLUENT-20220225

Lab Sample ID: 480-195341-1

Date Collected: 02/25/22 14:35

Matrix: Water

Date Received: 02/25/22 15:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	109		52 - 151	03/04/22 09:20	03/06/22 22:28	1
2-Fluorobiphenyl	109		44 - 120	03/04/22 09:20	03/06/22 22:28	1
2-Fluorophenol	72		17 - 120	03/04/22 09:20	03/06/22 22:28	1
Nitrobenzene-d5	97		15 - 314	03/04/22 09:20	03/06/22 22:28	1
Phenol-d5	52		8 - 424	03/04/22 09:20	03/06/22 22:28	1
p-Terphenyl-d14 (Surr)	76		22 - 125	03/04/22 09:20	03/06/22 22:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		4.8	1.3	mg/L		03/07/22 09:07	03/07/22 12:02	1
SGT-HEM	ND		4.8	1.9	mg/L		03/07/22 09:07	03/07/22 12:02	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.73	HF	0.100	0.100	SU			03/10/22 13:52	1
Temperature	18.7	HF	0.00100	0.00100	Degrees C			03/10/22 13:52	1

Surrogate Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (68-130)	BFB (76-123)	DBFM (75-123)	TOL (77-120)
480-195341-1	SAN-EFFLUENT-20220225	98	102	111	100
LCS 480-616269/6	Lab Control Sample	98	99	104	101
MB 480-616269/8	Method Blank	97	104	104	101

Surrogate Legend

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

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (15-314)	PHL (8-424)	TPHd14 (22-125)
480-195341-1	SAN-EFFLUENT-20220225	109	109	72	97	52	76
LCS 480-616784/2-A	Lab Control Sample	102	99	68	91	52	94
MB 480-616784/1-A	Method Blank	92	107	75	98	57	108

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14 (Surr)

QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-616269/8

Matrix: Water

Analysis Batch: 616269

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			02/28/22 16:27	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.26	ug/L			02/28/22 16:27	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			02/28/22 16:27	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			02/28/22 16:27	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			02/28/22 16:27	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			02/28/22 16:27	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			02/28/22 16:27	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			02/28/22 16:27	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			02/28/22 16:27	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			02/28/22 16:27	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			02/28/22 16:27	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			02/28/22 16:27	1
Acrolein	ND		100	17	ug/L			02/28/22 16:27	1
Acrylonitrile	ND		50	1.9	ug/L			02/28/22 16:27	1
Benzene	ND		5.0	0.60	ug/L			02/28/22 16:27	1
Bromoform	ND		5.0	0.47	ug/L			02/28/22 16:27	1
Bromomethane	ND		5.0	1.2	ug/L			02/28/22 16:27	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			02/28/22 16:27	1
Chlorobenzene	ND		5.0	0.48	ug/L			02/28/22 16:27	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			02/28/22 16:27	1
Chloroethane	ND		5.0	0.87	ug/L			02/28/22 16:27	1
Chloroform	ND		5.0	0.54	ug/L			02/28/22 16:27	1
Chloromethane	ND		5.0	0.64	ug/L			02/28/22 16:27	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			02/28/22 16:27	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			02/28/22 16:27	1
Ethylbenzene	ND		5.0	0.46	ug/L			02/28/22 16:27	1
Methylene Chloride	ND		5.0	0.81	ug/L			02/28/22 16:27	1
Tetrachloroethene	ND		5.0	0.34	ug/L			02/28/22 16:27	1
Toluene	ND		5.0	0.45	ug/L			02/28/22 16:27	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			02/28/22 16:27	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			02/28/22 16:27	1
Trichloroethene	ND		5.0	0.60	ug/L			02/28/22 16:27	1
Vinyl chloride	ND		5.0	0.75	ug/L			02/28/22 16:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		68 - 130		02/28/22 16:27	1
4-Bromofluorobenzene (Surr)	104		76 - 123		02/28/22 16:27	1
Dibromofluoromethane (Surr)	104		75 - 123		02/28/22 16:27	1
Toluene-d8 (Surr)	101		77 - 120		02/28/22 16:27	1

Lab Sample ID: LCS 480-616269/6

Matrix: Water

Analysis Batch: 616269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	16.8		ug/L		84	52 - 162
1,1,2,2-Tetrachloroethane	20.0	21.1		ug/L		106	46 - 157
1,1,2-Trichloroethane	20.0	20.1		ug/L		100	52 - 150

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QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-616269/6

Matrix: Water

Analysis Batch: 616269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	19.7		ug/L		99	59 - 155
1,1-Dichloroethene	20.0	19.0		ug/L		95	1 - 234
1,2-Dichlorobenzene	20.0	19.7		ug/L		99	18 - 190
1,2-Dichloroethane	20.0	19.8		ug/L		99	49 - 155
1,2-Dichloropropane	20.0	19.6		ug/L		98	1 - 210
1,3-Dichlorobenzene	20.0	19.7		ug/L		99	59 - 156
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	18 - 190
2-Chloroethyl vinyl ether	20.0	20.4	J	ug/L		102	1 - 305
Benzene	20.0	19.8		ug/L		99	37 - 151
Bromoform	20.0	20.4		ug/L		102	45 - 169
Bromomethane	20.0	20.9		ug/L		104	1 - 242
Carbon tetrachloride	20.0	17.5		ug/L		88	70 - 140
Chlorobenzene	20.0	20.2		ug/L		101	37 - 160
Chlorodibromomethane	20.0	20.6		ug/L		103	53 - 149
Chloroethane	20.0	18.6		ug/L		93	14 - 230
Chloroform	20.0	19.7		ug/L		99	51 - 138
Chloromethane	20.0	18.6		ug/L		93	1 - 273
cis-1,3-Dichloropropene	20.0	19.7		ug/L		98	1 - 227
Dichlorobromomethane	20.0	20.2		ug/L		101	35 - 155
Ethylbenzene	20.0	20.2		ug/L		101	37 - 162
Methylene Chloride	20.0	19.9		ug/L		100	1 - 221
Tetrachloroethene	20.0	19.8		ug/L		99	64 - 148
Toluene	20.0	19.6		ug/L		98	47 - 150
trans-1,2-Dichloroethene	20.0	20.1		ug/L		101	54 - 156
trans-1,3-Dichloropropene	20.0	20.0		ug/L		100	17 - 183
Trichloroethene	20.0	19.0		ug/L		95	71 - 157
Vinyl chloride	20.0	18.9		ug/L		94	1 - 251

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		68 - 130
4-Bromofluorobenzene (Surr)	99		76 - 123
Dibromofluoromethane (Surr)	104		75 - 123
Toluene-d8 (Surr)	101		77 - 120

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-616784/1-A

Matrix: Water

Analysis Batch: 616902

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 616784

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.82	ug/L		03/04/22 09:20	03/06/22 20:11	1
1,2-Dichlorobenzene	ND		10	1.0	ug/L		03/04/22 09:20	03/06/22 20:11	1
1,2-Diphenylhydrazine	ND		10	0.78	ug/L		03/04/22 09:20	03/06/22 20:11	1
1,3-Dichlorobenzene	ND		10	0.69	ug/L		03/04/22 09:20	03/06/22 20:11	1
1,4-Dichlorobenzene	ND		10	0.82	ug/L		03/04/22 09:20	03/06/22 20:11	1
2,2'-oxybis[1-chloropropane]	ND		5.0	0.84	ug/L		03/04/22 09:20	03/06/22 20:11	1
2,4,6-Trichlorophenol	ND		5.0	1.0	ug/L		03/04/22 09:20	03/06/22 20:11	1
2,4-Dichlorophenol	ND		5.0	0.77	ug/L		03/04/22 09:20	03/06/22 20:11	1

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QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-616784/1-A

Matrix: Water

Analysis Batch: 616902

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 616784

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	1.4	ug/L		03/04/22 09:20	03/06/22 20:11	1
2,4-Dinitrophenol	ND		10	5.0	ug/L		03/04/22 09:20	03/06/22 20:11	1
2,4-Dinitrotoluene	ND		10	1.6	ug/L		03/04/22 09:20	03/06/22 20:11	1
2,6-Dinitrotoluene	ND		5.0	1.0	ug/L		03/04/22 09:20	03/06/22 20:11	1
2-Chloronaphthalene	ND		5.0	0.91	ug/L		03/04/22 09:20	03/06/22 20:11	1
2-Chlorophenol	ND		5.0	0.66	ug/L		03/04/22 09:20	03/06/22 20:11	1
2-Nitrophenol	ND		5.0	0.70	ug/L		03/04/22 09:20	03/06/22 20:11	1
3,3'-Dichlorobenzidine	ND		5.0	1.6	ug/L		03/04/22 09:20	03/06/22 20:11	1
4,6-Dinitro-2-methylphenol	ND		10	1.8	ug/L		03/04/22 09:20	03/06/22 20:11	1
4-Bromophenyl phenyl ether	ND		5.0	1.4	ug/L		03/04/22 09:20	03/06/22 20:11	1
4-Chloro-3-methylphenol	ND		5.0	1.1	ug/L		03/04/22 09:20	03/06/22 20:11	1
4-Chlorophenyl phenyl ether	ND		5.0	1.3	ug/L		03/04/22 09:20	03/06/22 20:11	1
4-Nitrophenol	ND		15	1.9	ug/L		03/04/22 09:20	03/06/22 20:11	1
Acenaphthene	ND		5.0	0.81	ug/L		03/04/22 09:20	03/06/22 20:11	1
Acenaphthylene	ND		5.0	0.87	ug/L		03/04/22 09:20	03/06/22 20:11	1
Anthracene	ND		5.0	1.4	ug/L		03/04/22 09:20	03/06/22 20:11	1
Benzidine	ND		80	54	ug/L		03/04/22 09:20	03/06/22 20:11	1
Benzo[a]anthracene	ND		5.0	1.1	ug/L		03/04/22 09:20	03/06/22 20:11	1
Benzo[a]pyrene	ND		5.0	1.3	ug/L		03/04/22 09:20	03/06/22 20:11	1
Benzo[b]fluoranthene	ND		5.0	1.2	ug/L		03/04/22 09:20	03/06/22 20:11	1
Benzo[g,h,i]perylene	ND		5.0	1.5	ug/L		03/04/22 09:20	03/06/22 20:11	1
Benzo[k]fluoranthene	ND		5.0	1.3	ug/L		03/04/22 09:20	03/06/22 20:11	1
Bis(2-chloroethoxy)methane	ND		5.0	0.75	ug/L		03/04/22 09:20	03/06/22 20:11	1
Bis(2-chloroethyl)ether	ND		5.0	0.93	ug/L		03/04/22 09:20	03/06/22 20:11	1
Bis(2-ethylhexyl) phthalate	ND		10	1.2	ug/L		03/04/22 09:20	03/06/22 20:11	1
Butyl benzyl phthalate	ND		5.0	1.1	ug/L		03/04/22 09:20	03/06/22 20:11	1
Chrysene	ND		5.0	1.0	ug/L		03/04/22 09:20	03/06/22 20:11	1
Dibenz(a,h)anthracene	ND		5.0	1.5	ug/L		03/04/22 09:20	03/06/22 20:11	1
Diethyl phthalate	ND		5.0	1.0	ug/L		03/04/22 09:20	03/06/22 20:11	1
Dimethyl phthalate	ND		5.0	0.91	ug/L		03/04/22 09:20	03/06/22 20:11	1
Di-n-butyl phthalate	ND		5.0	1.6	ug/L		03/04/22 09:20	03/06/22 20:11	1
Di-n-octyl phthalate	ND		5.0	1.2	ug/L		03/04/22 09:20	03/06/22 20:11	1
Fluoranthene	ND		5.0	1.6	ug/L		03/04/22 09:20	03/06/22 20:11	1
Fluorene	ND		5.0	1.0	ug/L		03/04/22 09:20	03/06/22 20:11	1
Hexachlorobenzene	ND		5.0	1.0	ug/L		03/04/22 09:20	03/06/22 20:11	1
Hexachlorobutadiene	ND		5.0	1.0	ug/L		03/04/22 09:20	03/06/22 20:11	1
Hexachlorocyclopentadiene	ND		10	2.1	ug/L		03/04/22 09:20	03/06/22 20:11	1
Hexachloroethane	ND		5.0	0.60	ug/L		03/04/22 09:20	03/06/22 20:11	1
Indeno[1,2,3-cd]pyrene	ND		5.0	1.5	ug/L		03/04/22 09:20	03/06/22 20:11	1
Isophorone	ND		5.0	0.74	ug/L		03/04/22 09:20	03/06/22 20:11	1
Naphthalene	ND		5.0	0.86	ug/L		03/04/22 09:20	03/06/22 20:11	1
Nitrobenzene	ND		5.0	0.81	ug/L		03/04/22 09:20	03/06/22 20:11	1
N-Nitrosodimethylamine	ND		10	0.57	ug/L		03/04/22 09:20	03/06/22 20:11	1
N-Nitrosodi-n-propylamine	ND		5.0	0.89	ug/L		03/04/22 09:20	03/06/22 20:11	1
N-Nitrosodiphenylamine	ND		5.0	0.82	ug/L		03/04/22 09:20	03/06/22 20:11	1
Pentachlorophenol	ND		10	3.2	ug/L		03/04/22 09:20	03/06/22 20:11	1
Phenanthrene	ND		5.0	1.2	ug/L		03/04/22 09:20	03/06/22 20:11	1
Phenol	ND		5.0	0.35	ug/L		03/04/22 09:20	03/06/22 20:11	1
Pyrene	ND		5.0	1.4	ug/L		03/04/22 09:20	03/06/22 20:11	1

Eurofins Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		52 - 151	03/04/22 09:20	03/06/22 20:11	1
2-Fluorobiphenyl	107		44 - 120	03/04/22 09:20	03/06/22 20:11	1
2-Fluorophenol	75		17 - 120	03/04/22 09:20	03/06/22 20:11	1
Nitrobenzene-d5	98		15 - 314	03/04/22 09:20	03/06/22 20:11	1
Phenol-d5	57		8 - 424	03/04/22 09:20	03/06/22 20:11	1
p-Terphenyl-d14 (Surr)	108		22 - 125	03/04/22 09:20	03/06/22 20:11	1

Lab Sample ID: LCS 480-616784/2-A

Matrix: Water

Analysis Batch: 616902

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 616784

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	32.0	28.9		ug/L		90	44 - 142
1,2-Dichlorobenzene	32.0	27.3		ug/L		85	32 - 129
1,2-Diphenylhydrazine	32.0	33.1		ug/L		104	47 - 146
1,3-Dichlorobenzene	32.0	26.4		ug/L		83	1 - 172
1,4-Dichlorobenzene	32.0	27.1		ug/L		85	20 - 124
2,2'-oxybis[1-chloropropane]	32.0	27.9		ug/L		87	36 - 166
2,4,6-Trichlorophenol	32.0	31.3		ug/L		98	37 - 144
2,4-Dichlorophenol	32.0	32.2		ug/L		101	39 - 135
2,4-Dimethylphenol	32.0	32.0		ug/L		100	32 - 120
2,4-Dinitrophenol	64.0	67.7		ug/L		106	1 - 191
2,4-Dinitrotoluene	32.0	34.4		ug/L		107	39 - 139
2,6-Dinitrotoluene	32.0	34.2		ug/L		107	50 - 158
2-Chloronaphthalene	32.0	30.5		ug/L		95	60 - 120
2-Chlorophenol	32.0	28.6		ug/L		89	23 - 134
2-Nitrophenol	32.0	32.0		ug/L		100	29 - 182
3,3'-Dichlorobenzidine	64.0	53.9		ug/L		84	1 - 262
4,6-Dinitro-2-methylphenol	64.0	70.6		ug/L		110	1 - 181
4-Bromophenyl phenyl ether	32.0	33.1		ug/L		103	53 - 127
4-Chloro-3-methylphenol	32.0	32.4		ug/L		101	22 - 147
4-Chlorophenyl phenyl ether	32.0	32.2		ug/L		100	25 - 158
4-Nitrophenol	64.0	47.4		ug/L		74	1 - 132
Acenaphthene	32.0	31.0		ug/L		97	47 - 145
Acenaphthylene	32.0	30.3		ug/L		95	33 - 145
Anthracene	32.0	33.0		ug/L		103	27 - 133
Benzidine	64.0	ND		ug/L		8	1 - 120
Benzo[a]anthracene	32.0	29.6		ug/L		93	33 - 143
Benzo[a]pyrene	32.0	26.5		ug/L		83	17 - 163
Benzo[b]fluoranthene	32.0	30.4		ug/L		95	24 - 159
Benzo[g,h,i]perylene	32.0	30.7		ug/L		96	1 - 219
Benzo[k]fluoranthene	32.0	30.6		ug/L		96	11 - 162
Bis(2-chloroethoxy)methane	32.0	30.9		ug/L		97	33 - 184
Bis(2-chloroethyl)ether	32.0	29.0		ug/L		91	12 - 158
Bis(2-ethylhexyl) phthalate	32.0	29.2		ug/L		91	8 - 158
Butyl benzyl phthalate	32.0	32.6		ug/L		102	1 - 152
Chrysene	32.0	29.5		ug/L		92	17 - 168
Dibenz(a,h)anthracene	32.0	30.0		ug/L		94	1 - 227
Diethyl phthalate	32.0	34.2		ug/L		107	1 - 120
Dimethyl phthalate	32.0	34.8		ug/L		109	1 - 120
Di-n-butyl phthalate	32.0	34.7		ug/L		109	1 - 120

Eurofins Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Method: 625.1 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-616784/2-A

Matrix: Water

Analysis Batch: 616902

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 616784

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	32.0	30.1		ug/L		94	4 - 146
Fluoranthene	32.0	34.2		ug/L		107	26 - 137
Fluorene	32.0	33.7		ug/L		105	59 - 121
Hexachlorobenzene	32.0	33.7		ug/L		105	1 - 152
Hexachlorobutadiene	32.0	26.8		ug/L		84	24 - 120
Hexachlorocyclopentadiene	32.0	19.2		ug/L		60	5 - 120
Hexachloroethane	32.0	24.8		ug/L		78	40 - 120
Indeno[1,2,3-cd]pyrene	32.0	30.2		ug/L		94	1 - 171
Isophorone	32.0	31.2		ug/L		97	21 - 196
Naphthalene	32.0	30.4		ug/L		95	21 - 133
Nitrobenzene	32.0	31.3		ug/L		98	35 - 180
N-Nitrosodimethylamine	32.0	22.3		ug/L		70	19 - 120
N-Nitrosodi-n-propylamine	32.0	30.8		ug/L		96	1 - 230
N-Nitrosodiphenylamine	32.0	32.3		ug/L		101	54 - 125
Pentachlorophenol	64.0	59.7		ug/L		93	14 - 176
Phenanthrene	32.0	31.8		ug/L		99	54 - 120
Phenol	32.0	16.6		ug/L		52	5 - 120
Pyrene	32.0	30.8		ug/L		96	52 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	102		52 - 151
2-Fluorobiphenyl	99		44 - 120
2-Fluorophenol	68		17 - 120
Nitrobenzene-d5	91		15 - 314
Phenol-d5	52		8 - 424
p-Terphenyl-d14 (Surr)	94		22 - 125

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 480-616940/1-A

Matrix: Water

Analysis Batch: 616990

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 616940

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		5.0	1.4	mg/L		03/07/22 09:07	03/07/22 12:02	1
SGT-HEM	ND		5.0	1.9	mg/L		03/07/22 09:07	03/07/22 12:02	1

Lab Sample ID: LCS 480-616940/2-A

Matrix: Water

Analysis Batch: 616990

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 616940

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Oil & Grease	39.8	33.70		mg/L		85	78 - 114
SGT-HEM	19.9	16.85		mg/L		85	64 - 132

Eurofins Buffalo

QC Sample Results

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Method: 9040C - pH

Lab Sample ID: LCS 480-617464/1

Matrix: Water

Analysis Batch: 617464

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.895		SU		99	99 - 101

Lab Sample ID: LCS 480-617464/21

Matrix: Water

Analysis Batch: 617464

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.991		SU		100	99 - 101

QC Association Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

GC/MS VOA

Analysis Batch: 616269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-195341-1	SAN-EFFLUENT-20220225	Total/NA	Water	624.1	
MB 480-616269/8	Method Blank	Total/NA	Water	624.1	
LCS 480-616269/6	Lab Control Sample	Total/NA	Water	624.1	

GC/MS Semi VOA

Prep Batch: 616784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-195341-1	SAN-EFFLUENT-20220225	Total/NA	Water	625	
MB 480-616784/1-A	Method Blank	Total/NA	Water	625	
LCS 480-616784/2-A	Lab Control Sample	Total/NA	Water	625	

Analysis Batch: 616902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-195341-1	SAN-EFFLUENT-20220225	Total/NA	Water	625.1	616784
MB 480-616784/1-A	Method Blank	Total/NA	Water	625.1	616784
LCS 480-616784/2-A	Lab Control Sample	Total/NA	Water	625.1	616784

General Chemistry

Prep Batch: 616940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-195341-1	SAN-EFFLUENT-20220225	Total/NA	Water	1664B	
MB 480-616940/1-A	Method Blank	Total/NA	Water	1664B	
LCS 480-616940/2-A	Lab Control Sample	Total/NA	Water	1664B	

Analysis Batch: 616990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-195341-1	SAN-EFFLUENT-20220225	Total/NA	Water	1664B	616940
MB 480-616940/1-A	Method Blank	Total/NA	Water	1664B	616940
LCS 480-616940/2-A	Lab Control Sample	Total/NA	Water	1664B	616940

Analysis Batch: 617464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-195341-1	SAN-EFFLUENT-20220225	Total/NA	Water	9040C	
LCS 480-617464/1	Lab Control Sample	Total/NA	Water	9040C	
LCS 480-617464/21	Lab Control Sample	Total/NA	Water	9040C	

Lab Chronicle

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Client Sample ID: SAN-EFFLUENT-20220225
Date Collected: 02/25/22 14:35
Date Received: 02/25/22 15:00

Lab Sample ID: 480-195341-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		4	616269	02/28/22 20:19	ATG	TAL BUF
Total/NA	Prep	625			616784	03/04/22 09:20	JMP	TAL BUF
Total/NA	Analysis	625.1		1	616902	03/06/22 22:28	PJQ	TAL BUF
Total/NA	Prep	1664B			616940	03/07/22 09:07	EJL	TAL BUF
Total/NA	Analysis	1664B		1	616990	03/07/22 12:02	EJL	TAL BUF
Total/NA	Analysis	9040C		1	617464	03/10/22 13:52	PRD	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
624.1		Water	1,2-Dichloroethene, Total
625.1	625	Water	1,2-Dichlorobenzene
625.1	625	Water	1,3-Dichlorobenzene
625.1	625	Water	1,4-Dichlorobenzene
9040C		Water	pH
9040C		Water	Temperature

Method Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
625.1	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
1664B	HEM and SGT-HEM	1664B	TAL BUF
9040C	pH	SW846	TAL BUF
1664B	HEM and SGT-HEM (Aqueous)	1664B	TAL BUF
625	Liquid-Liquid Extraction	40CFR136A	TAL BUF

Protocol References:

1664B = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

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

Laboratory References:

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

Sample Summary

Client: ERM-Northeast
Project/Site: DANAHER-CHEEKTOWAGA

Job ID: 480-195341-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-195341-1	SAN-EFFLUENT-20220225	Water	02/25/22 14:35	02/25/22 15:00

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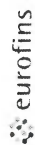
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Chain of Custody Record

Environmental Testing
America

Client Information		Sampler: <u>Austin Baker</u>		Lab PM: <u>Schove, John R</u>	Carrier Tracking No(s):	COC No: <u>480-171007-30455.1</u>
Client Contact: <u>Kathleen Kwasniak</u>		Phone: <u>716 706 9415</u>		E-Mail: <u>John.Schove@Eurofinset.com</u>	State of Origin:	Page: <u>Page 1 of 1</u>
Company: <u>ERM-Northeast</u>		PWSID:		Job #:		
Address: <u>One Beacon Street 5th Floor</u>		Due Date Requested:		Analysis Requested		
City: <u>Boston</u>		TAT Requested (days):		Preservation Codes:		
State Zip: <u>MA, 02108</u>		Compliance Project: <u>Δ Yes Δ No</u>		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)		
Phone: <u>617-646-7894(Tel)</u>		PO #: <u>PN0583070.03</u>		Barcode:		
Email: <u>Kathleen.Kwasniak@erm.com</u>		WO #: <u>48018461</u>		480-195341 Chain of Custody		
Project Name: <u>DANAHER-CHEEK TOWAGA</u>		Project #: <u>48018461</u>				
Site: <u></u>		SSOW#: <u></u>				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Solid, Other)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	625.1 PREC - PPL SVOCs	624.1 PREC - PPL VOCs	1664B - TPH	9040C - PH	Total Number of	Special Instructions/Note:
SAN - Effluent - 2022-02-25	2/25/2022	14:35	G	Water							2	
SAN - Effluent - 2022-02-25	2/25/2022	14:28	G	Water			X				2	
SAN - Effluent - 2022-02-25	2/25/2022	14:26	G	water			X				3	
SAN - Effluent - 2022-02-25	2/25/2022	14:25	G	water				X			1	
TB - 2022-02-25	2/25/2022		G	water							1	

Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological	
Deliverable Requested: I, II, III, IV, Other (specify) <u>ASP CAT B + NYS EDD</u>		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Empty Kit Relinquished by: <u>Cat B</u>		☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months	
Relinquished by: <u>Cat B</u>		Special Instructions/QC Requirements:	
Relinquished by: <u>Cat B</u>		Method of Shipment:	
Relinquished by: <u>Cat B</u>		Date/Time: <u>2/25/2022 1500</u>	
Custody Seals Intact: <u>Δ Yes Δ No</u>		Cooler Temperature(s) °C and Other Remarks: <u>3.1 #1 ICE</u>	

Login Sample Receipt Checklist

Client: ERM-Northeast

Job Number: 480-195341-1

Login Number: 195341

List Source: Eurofins Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	False	NO TB RECEIVED
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

Leica 2022 Year-to-Date Groundwater Treatment System Discharge Summary - 12/30/2021 through 3/25/2022				
Date	Meter Reading (gal)	Flow (gal)	Average Daily Flow (gal/day)	Comments
12/30/2021	1,532,315			
		27,730	1,541	
1/17/2022	1,560,045			
		8,104	1,158	
1/24/2022	1,568,149			
		6,785	1,131	
1/30/2022	1,574,934			
		3,349	1,116	
2/2/2022	1,578,283			
		4,412	1,103	
2/6/2022	1,582,695			
2/25/2022				SAN-EFFLUENT-20220225 collected on 2/25/2022
		113,311	4,358	
3/4/2022	1,696,006			
		38,359	1,827	
3/25/2022	1,734,365			

202,050	Total Gallons Discharged from 12/30/2021 - 03/25/2022

**AUTHORIZATION TO DISCHARGE UNDER THE TOWN OF CHEEKTOWAGA/
BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM**

**PERMIT NO. 20-02-CH014
EPA 40CFR 403**

In accordance with the provisions of the Federal Water Pollution Control Act, as amended, and the Sewer Regulations of the Buffalo Sewer Authority and the Town of Cheektowaga Sewer Use Ordinance authorization is hereby granted to:

Leica Microsystems

to discharge groundwater from a facility located at:

203 Eggert Road, Cheektowaga, New York 14225

to the Town of Cheektowaga and the Buffalo Municipal Sewer System.

Issuance of this permit is based upon a permit application filed on **August 18, 2019** and analytical data. This permit is granted in accordance with discharge limitations, monitoring requirements and other conditions set forth in Parts I and II hereof.

**Effective this 1st day of February, 2020
To Expire the 31st day of January, 2023**

Patrick T. Bowen

Town Engineer, Town of Cheektowaga

Signed this 16TH day of DECEMBER, 2019

[Signature]

General Manager, Buffalo Sewer Authority

Signed this 24TH day of DECEMBER, 2019

PART I: SPECIFIC CONDITIONS

A. DISCHARGE LIMITATIONS & MONITORING REQUIREMENTS

During the period beginning the effective date of this permit and lasting until the expiration date, discharge from the permitted facility outfall (see attached map) shall be limited and monitored **Quarterly** by the permittee as specified below:

Sample Point	Parameter	Discharge Limitations	Sampling Requirements	
		(mg/L except pH) Daily Max	Period	Type
001	pH	5.0 – 12.0 S.U.	1 day	Composite
	Total Extractable			
	Hydrocarbons EPA 1664	100	1 day	Composite
	EPA Test Method 624	2.14 mg/L ⁽¹⁾⁽⁴⁾	1 day	Grab ⁽²⁾
	EPA Test Method 625	2.14 mg/L ⁽¹⁾⁽⁴⁾	1 day	Grab ⁽²⁾
	Total Daily Flow	18,000 gallons	1 day	Discharge flow meter readings ⁽³⁾

1. The permittee must report any compound whose concentration is greater than 0.01 mg/L. The permittee is not authorized to discharge any of the parameters evaluated by this test procedure, which may cause or contribute to a violation of water quality standards or harm the sewerage system. Any parameter detected may, at the discretion of the Buffalo Sewer Authority or the Town of Cheektowaga be specifically limited and incorporated into this permit.
2. A single grab sample must be collected quarterly of the discharge and analyzed by a NYSDOH certified laboratory.
3. The discharge flow meter must be calibrated bi-annually by a factory certified technician. A copy of the most recent certificate of calibration must be submitted with each monitoring report.
4. Should any violation of the daily limits for EPA Test Methods 624 and 625 occur, permittee will be required to pretreat the groundwater prior to discharge.

PART I: SPECIFIC CONDITIONS

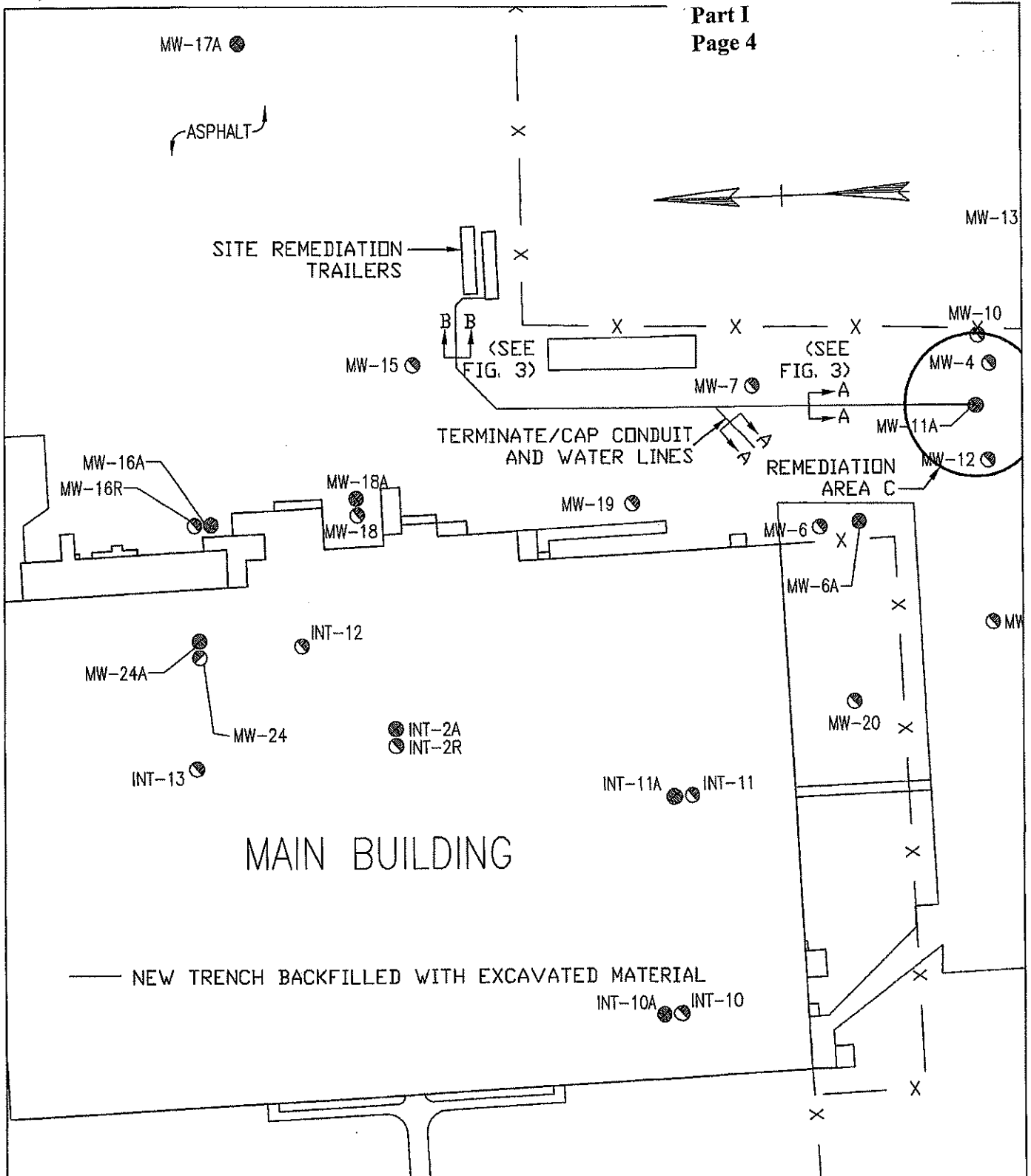
B. DISCHARGE MONITORING REPORTING REQUIREMENTS

During the period beginning the effective date of this permit and lasting until the expiration date, discharge monitoring results shall be summarized and reported by the permittee on the days specified below:

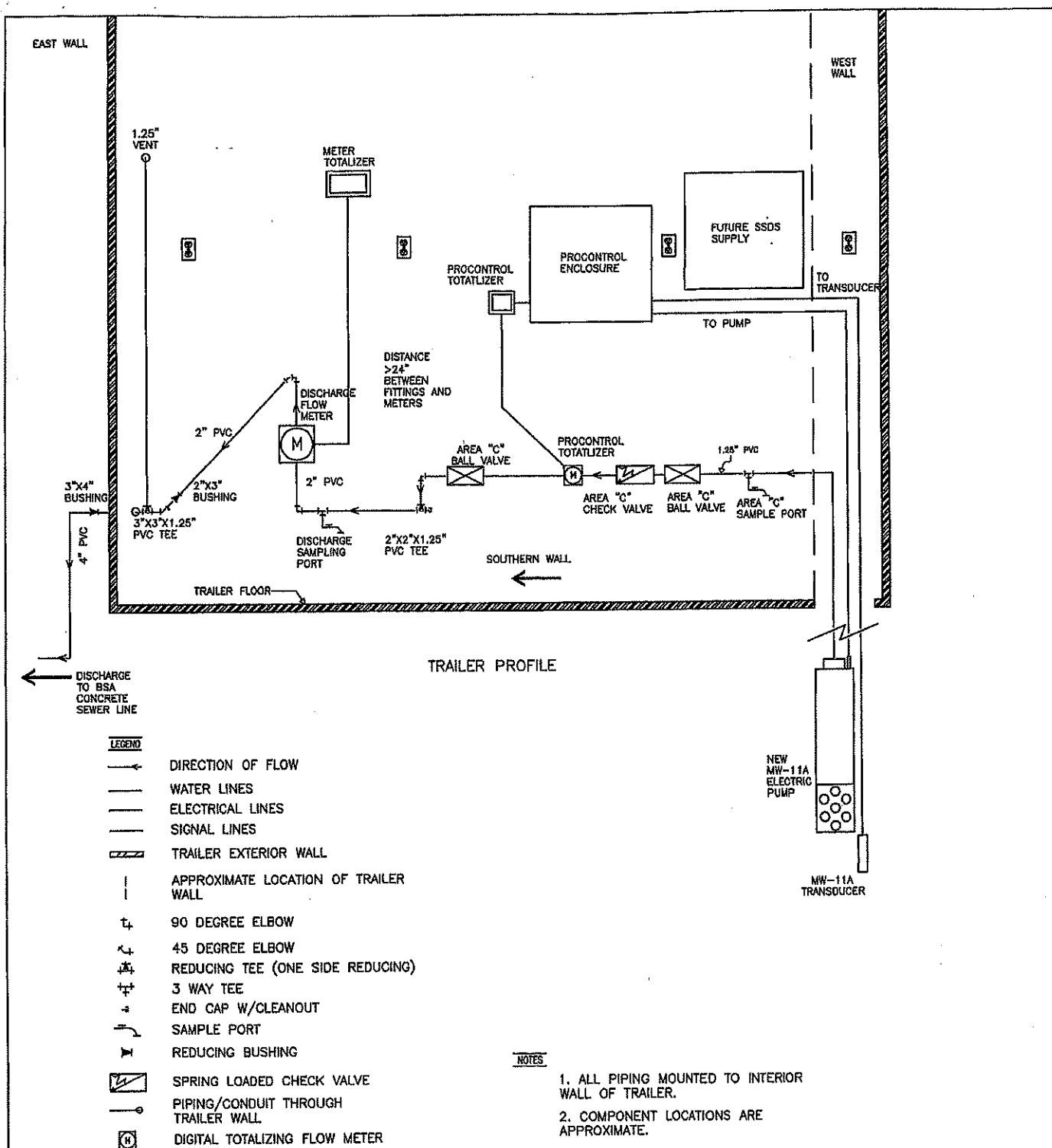
Sample Point	Parameter	Reporting Requirements	
		Initial Report	Subsequent Reports*
001	All Parameters	March 31, 2020	Every June 30 th , Sept. 30 th , Dec. 31 st and March 31 st

* If any monitoring report shows a violation of any BSA pollutant limit, the permittee shall immediately commence monitoring on a monthly basis. Reports will then be due on the last day of each month, for the previous month's samples. (eg. Report on samples collected in Jan. must be submitted by the last day of Feb). When the permittee shows consistent compliance with all BSA pollutant limits, the permittee may request a return to quarterly monitoring. Such permission will not be unreasonably withheld.

* Please submit new discharge permit application 6 months prior to the expiration of this permit *



DOCUMENT CONTROL NO.	PROJECT	LEICA MICROSYSTEMS INC. 203 EGGERT RD CHEEKTOWAGA, NY	ENERGYSOLUTIONS 984 SOUTHFORD RD MIDDLEBURY, CT. 06762 (203)797-8301	PROJECT # 187016
REVISION NO.				FILENAME:
	DRAWING	AS BUILT SITE PLAN AND TRENCH LOCATIONS		SCALE: 1" = 100'
				DATE: 5/24/16
				BY: DRS CK: MC
				FIGURE # AB-2



DOCUMENT CONTROL NO.	PROJECT	LEICA MICROSYSTEMS INC. 203 EGGERT RD CHEEKTOWAGA, NY	 ENERGY SOLUTIONS 984 SOUTHFORD RD MIDDLEBURY, CT. 06762 (203)797-8301	137015
				DATE: 5/25/16
REVISION NO.	DRAWING	AS BUILT TRAILER MODIFICATIONS ELECTRICAL AND PLUMBING LAYOUT		SCALE: NTS
				BY: DRS
				FIGURE 1 AB-6

**TOWN OF CHEEKTOWAGA/BUFFALO POLLUTANT DISCHARGE ELIMINATION SYSTEM
PERMIT**

PART II GENERAL CONDITIONS

A. MONITORING AND REPORTING

1. Local Limits

Except as otherwise specified in this permit, the permit holder shall comply with all specific prohibitions, limits on pollutants or pollutant parameters set forth in the Buffalo Sewer Authority Sewer Use Regulations, as amended from time to time, and such prohibitions, limits and parameters shall be deemed pretreatment standards for purposes of the Clean Water Act

2. Definitions

Definitions of terms contained in this permit are as defined in the Town of Cheektowaga Local Law No. 2 and the Buffalo Sewer Authority Sewer Use Regulations.

3. Discharge Sampling Analysis

All Wastewater discharge samples and analyses and flow measurements shall be representative of the volume and character of the monitored discharge. Methods employed for flow measurements and sample collections and analyses shall conform to the Buffalo Sewer Authority "Sampling Measurement and Analytical Guidelines Sheet."

4. Recording of Results

For each measurement or sample taken pursuant to the requirements of the permit, the Permittee shall record the information as required in the "Sampling Measurement and Analytical Guidelines Sheet."

5. Additional Monitoring by Permittee

If the Permittee monitors any pollutants at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified in 40 CFR Part 136 the results of such monitoring shall be included in the calculation and reporting of values required under Part I, B. Such increased frequency shall also be indicated.

6. Reporting

All reports prepared in accordance with this Permit shall be submitted to:

**Patrick Bowen, P.E.
Town Engineer
275 Alexander Ave.
Cheektowaga, New York, 14211**

All self-monitoring reports shall be prepared in accordance with the BSA "Sampling Measurement and Analytical Guidelines Sheet." These reporting requirements shall not relieve the Permittee of any other reports, which may be required by the

N.Y.S.D.E.C. or the U.S.E.P.A.

B. PERMITTEE REQUIREMENTS

1. Change in Discharge

All discharges authorized herein shall be consistent with the terms and conditions of this permit and with the information contained in the TC/BPDES Permit Application on which basis this permit is granted. In the event of any facility expansions, production increases, process modifications or the installation, modification or repair of any pretreatment equipment which may result in new, different or increased discharges of pollutants, a new TC/BPDES Permit Application must be submitted prior to any change. Following receipt of an amended application, the BSA may modify this permit to specify and limit any pollutants not previously limited. In the event that the proposed change will be covered under an applicable Categorical Standard, a Baseline Monitoring Report must be submitted at least ninety (90) days prior to any discharge.

2. Records Retention

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed, calibration and maintenance of instrumentation, and recordings from continuous monitoring instrumentation shall be retained at this facility for a minimum of three (3) years, or longer if requested by the General Manager and/or Town Engineer.

3. Notification of Slug, Accidental Discharge or Spill

In the event that a slug, accidental discharge or any spill occurs at the facility for which this permit is issued, it is the responsibility of the Permittee to immediately notify the B.S.A. Treatment Plant at 851-4664 ext 5374 of the quantity and character of such discharge. If requested by the B.S.A., within five (5) days following all such discharges, the Permittee shall submit a report describing the character and duration of the discharge, the cause of the discharge, and measures taken or that will be taken to prevent a recurrence of such discharge.

4. Noncompliance Notification

If, for any reason, the Permittee does not comply with or will be unable to comply with any discharge limitation specified in this permit, the Permittee or their assigns must verbally notify the Industrial Waste Section at 851-4664 ext 5374 within twenty-four (24) hours of becoming aware of the violation. The Permittee shall provide the Industrial Waste Section with the following information, in writing, within five (5) days of becoming aware of such condition:

- a. a description of the discharge and cause of noncompliance and;
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

5. Adverse Impact

The Permittee shall take all reasonable steps to minimize any adverse impact to the Buffalo and Town Sewerage System resulting from noncompliance with any discharge limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

6. Waste Residuals

Solids, sludges, filter backwash or other pollutants removed in the course of treatment or control of wastewaters and/or the treatment of intake waters, shall be disposed of in a manner such as to prevent any pollutant from such materials from entering the Buffalo or Town Sewer System.

7. Power Failures

In order to maintain compliance with the discharge limitations and prohibitions of this permit, the Permittee shall provide an alternative power source sufficient to operate the wastewater control facilities; or, if such alternative power source is not provided the Permittee shall halt, reduce or otherwise control production and/or controlled discharges upon the loss of power to the wastewater control facilities.

8. Treatment Upsets

- a. Any industrial user which experiences an upset in operations that places it in a temporary state of noncompliance, which is not the result of operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation, shall inform the Industrial Waste Section immediately upon becoming aware of the upset. Where such information is given verbally, a written report shall be filed by the user within five (5) days. The report shall contain:
 - (i) A description of the upset, its cause(s) and impact on the discharger's compliance status.
 - (ii) The duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance is continuing, the time by which compliance is reasonably expected to be restored
 - (iii) All steps taken or planned to reduce, eliminate, and prevent recurrence of such an upset.
- b. An industrial user which complies with the notification provisions of this Section in a timely manner shall have an affirmative defense to any enforcement action brought by the Industrial Waste Section/Town Engineer for any noncompliance of the limits in this permit, which arises out of violations attributable to and alleged to have occurred during the period of the documented and verified upset.

9. Treatment Bypasses

- a. A bypass of the treatment system is prohibited unless the following conditions are met:
 - (i) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; or
 - (ii) There was no feasible alternative to the bypass, including the use of auxiliary treatment or retention of the wastewater; and
 - (iii) The industrial user properly notified the Industrial Waste Section as described in paragraph b. below.
- b. Industrial users must provide immediate notice to the Industrial Waste Section upon delivery of an unanticipated bypass. If necessary, the Industrial Waste Section may require the industrial user to submit a written report explaining the cause(s), nature, and duration of the bypass, and the steps being taken to prevent its recurrence.
- c. An industrial user may allow a bypass to occur which does not cause pretreatment standards or requirements to be violated, but only if it is for essential maintenance to ensure efficient operation of the treatment system. Industrial users anticipating a bypass must submit notice to the Industrial Waste Section at least ten (10) days in advance. The Industrial Waste Section may only approve the anticipated bypass if the circumstances satisfy those set forth in paragraph a. above.

C. PERMITTEE RESPONSIBILITIES

1. Permit Availability

The originally signed permit must be available upon request at all times for review at the address stated on the first page of this permit.

2. Inspections

The Permittee shall allow the representatives of the Buffalo Sewer Authority or Town of Cheektowaga upon the presentation of credentials and during normal working hours or at any other reasonable times, to have access to and copy any records required in this permit; and to sample any discharge of pollutants.

3. Transfer of Ownership or Control

In the event of any change in control or ownership of facilities for which this permit has been issued the permit shall become null and void. The succeeding owner shall submit a completed Town of Cheektowaga/ Buffalo Sewer Authority permit application prior to discharge to the sewer system.

D. PERMITTEE LIABILITIES

1. Permit Modification

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to the following:

- a. Violation of any terms or conditions of this permit,
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts,
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

2. Imminent Danger

In the event there exists an imminent danger to health or property, the permitter reserves the right to take immediate action to halt the permitted discharge to the sewerage works.

3. Civil and Criminal Liability

Nothing in this permit shall relieve the Permittee from any requirements, liabilities, or penalties under provisions of the Town of Cheektowaga Local Law No. 2, the "Sewer Regulations of the Buffalo Sewer Authority" or any Federal, State and/or local laws or regulations.

4. Penalties for Violations of Permit Conditions

The "Sewer Regulations of the Buffalo Sewer Authority" and Town of Cheektowaga Local Law No. 2, provide that any person who violates a B.P.D.E.S. permit condition is liable to the Authority and/or the Town for a civil penalty of up to \$10,000 per day for each violation. Any person who willfully or negligently violates permit conditions will be referred to the New York State Attorney General.

E. NATIONAL PRETREATMENT STANDARDS

If a pretreatment standard or prohibition (including any Schedule of Compliance specified in such pretreatment standard or prohibition) is established under Section 307 (b) of the Act for a pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with such pretreatment standard or prohibition.

F. PLANT CLOSURE

In the event of plant closure, the Permittee is required to notify the Industrial Waste Section/Town Engineer in writing as soon as an anticipated closure date is determined, but in no case later than five (5) days of the actual closure.

G. CONFIDENTIALITY

Except for data determined to be confidential under Section 308 of the Act, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Buffalo Sewer Authority or Town Engineer of the Town of Cheektowaga. As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.

H. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

Calibration Report Of Electromagnetic Flow Meter ISOMAG® Series

Internal Reference : **381785**

Calibration Line : **4**

Order Confirmation n°: **OC18-03207**

DATI SENSORE / SENSOR DATA

Sensor Model **MS 5000-C50-A2A**
Serial Number **12W010083**
NominalDiameter **50**
Full scale **20 dm3/s**
Coefficient Ka **+2.5687**
Coefficient Kz **-444**

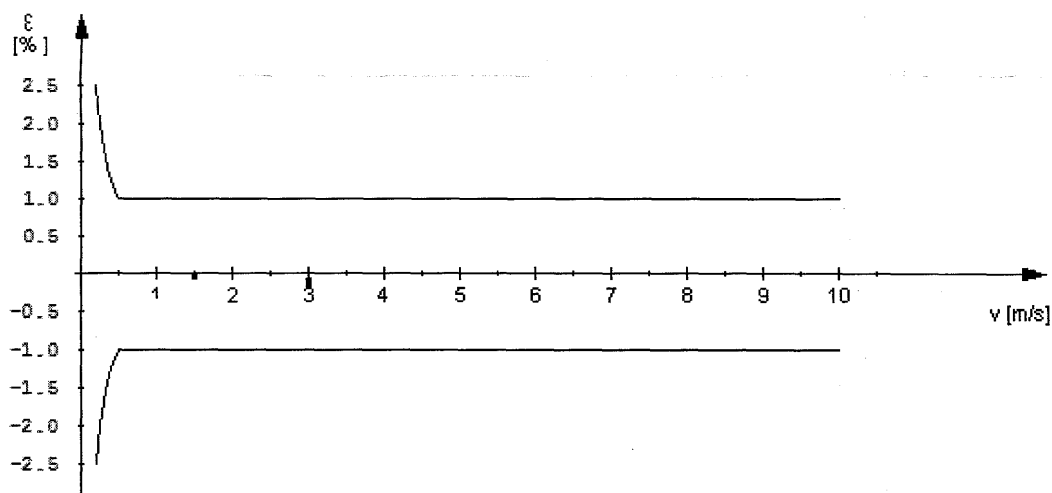
CONVERTER DATA

Converter Model **ML210**
Serial Number



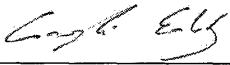
RISULTATI DELLA TARATURA / CALIBRATION RESULTS

N°	Reference Meter	Test Time	Nominal Test Speed (DUT)	Ambient Temperature	Water Temperature	Reference Flow rate	Measured Flow rate(DUT)	Deviation
	units	s	m/s	°C	°C	dm3/s	dm3/s	%
1	L04M001	60	3,003	18,0	19,8	6,0053937	5,9995231	-0,10
2	L04M001	60	3,003	18,0	19,8	6,0063974	5,9981598	-0,14
3	L04M001	60	1,502	17,9	19,8	3,0042933	3,0030544	-0,04
4	L04M001	60	1,501	17,9	19,8	3,0011742	2,9999594	-0,04



Report n°: **LSTA09997W**

Print. Date : **02/11/2018**

Approved by : 

Code : **00**

END OF REPORT

APPENDIX F ANNUAL SITE-WIDE INSPECTION FORM

Site-Wide Inspection Form
Former Lecia, Inc. Facility
Cheektowaga, New York

Item No.	Description	Yes	No	Inspector Comments	Notes
1	Has a change in Site ownership occurred?		X		NYSDEC must be informed 60 days in advance.
2	Has a change in Site use occurred?		X		Current use is commercial/industrial.
3	Is any new building construction planned?		X		A soil vapor intrusion monitoring plan must be submitted to NYSDEC prior to any construction.
4	Has there been any soil disturbance(s) within the previous year? If yes, was it conducted in accordance with the EWP?		X		Documentation must be provided as required by the EWP.
5	Are there any planned soil disturbances at this time?		X		NYSDEC must be informed 15 days in advance.
6	Is groundwater underlying the Site being used?		X		
7	Is there any non-conforming Site use? For example: vegetable gardens, non-commercial, non-industrial, etc.		X		
8	Is there any activities being conducted which may interfere with the remedy or implementation of the Site's IC/ECs?		X		
9	GWE&T - Upon visual inspection of the entire system, are any components or appurtenances performing inadequately?		X		
10	GWE&T - Remote Terminal Unit/Control Panel - Are there any deficiencies in the control, communication, or alarm devices?		X		
11	GWE&T - Conveyance - Are there any leaks, blockages, or other deficiencies in the pipes, valves, or connections?		X		

Item No.	Description	Yes	No	Inspector Comments	Notes
12	GWE&T - Has there been any material reductions in effluent flow rates or changes in water levels?		X		
13	GWE&T - Pump - Does the pump show signs of abnormal, erratic, or improper operation?		X		
14	Is the basement occupied?		X		
15	SSDSs - Remote Terminal Unit/Control Panel - Are there any deficiencies in the control, communication, or alarm devices?		X		
16	SSDSs - Conveyance - Are there any leaks, blockages, or other deficiencies in the pipes, valves, or connections?		X		
17	SSDSs - Are there material reductions in the extent of sub-slab vacuum response?		X		
18	SSDSs - Blower/Fan - Do the blower/fan units show signs of abnormal, erratic, or improper operation?		X		
19	SSDSs - Is there an air intake or operable window within 10 feet of any exhaust point?		X		NYSDOH guidance requires exhaust points to be located at least 10 feet away from an air intake.
20	SSDSs - Have there been any material changes to the buildings HVAC system?		X		
21	SSDSs - Are there signs of leaks/short circuiting through cracks in the concrete floor, floor joints, and suction points?		X		Evaluate need for repairs in combination with vacuum monitoring readings.

Corrective Measures

If "Yes" is answered for Item Nos. 1-21, specify corrective measures.

None at the time of this inspection

Monitoring Well Inspection

Inspection the overall integrity and condition of each groundwater monitoring well.
Is the expansion plug in-place and the well cover secured?

MONITORING WELLS ARE IN GOOD CONDITION AND SECURE

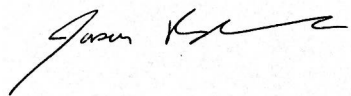
Photographs

Attached photographs of site conditions and any irregularities observed.

Additional Comments / Observations / Notes

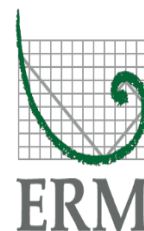
Name of Inspector: JASON REYNOLDS

Signature of Inspector:



Date: 2/28/2022

Site Management Plan
Sub-Slab Depressurization System Annual Inspection Form-1
Leica, Inc. Site



Date: 2/28/2022 and 4/1/2022

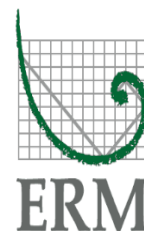
Time: 1000

Collected By: JR & AB

Note: Fill out Annual Form-1, 2 and 3 along with the Quarterly Inspection form for Annual inspection.

Test Port#	Differential Pressure (Inches of W.C.)	Comments
System-1	11.511	
System-2	9.892	
System-3	8.507	
System-4	9.489	
System-5	9.202	
System-6	8.149	
System-7	NA	System turned off in Fall 2019
System-8	NA	System turned off in Fall 2019
Loading Dock-1	3.077	
Loading Dock-2	4.143	
System 1 Test Port		
TP-1-1	-0.0041	Measurement collected on 1 April 2022
TP-1-2	-0.3955	
TP-1-3	-0.041	
TP-1-4	-0.014	
TP-1-5	-0.071	
TP-1-6	-0.0005	
TP-1-7	-0.0065	Measurement collected on 1 April 2022
TP-1-8	-1.558	
TP-1-9	-0.017	
TP-1-10	-0.1031	
TP-1-11	-0.164	
TP-1-12	-0.0109	Measurement collected on 1 April 2022
System 2 Test Port		
TP-2-2	-0.0043	
TP-2-3	-0.0042	Measurement collected on 1 April 2022
TP-2-4	-0.0044	Measurement collected on 1 April 2022
TP-2-5	-0.0275	Measurement collected on 1 April 2022
TP-2-6	-0.0052	Measurement collected on 1 April 2022
TP-2-9	-0.0053	
TP-2-10	-0.0042	Measurement collected on 1 April 2022
TP-2-12	-0.038	

Site Management Plan
Sub-Slab Depressurization System Annual Inspection Form-1
Leica, Inc. Site



Date: 2/28/2022 and 4/1/2022

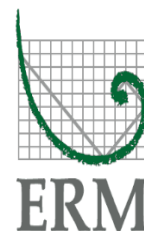
Time: 1000

Collected By: JR & AB

Note: Fill out Annual Form-1, 2 and 3 along with the Quarterly Inspection form for Annual inspection.

Test Port#	Differential Pressure (Inches of W.C.)	Comments
System 3 Test Port		
TP-3-3	-0.0333	
TP-3-4	-0.051	
TP-3-5	-0.0024	
TP-3-6	-0.0283	
System 4 Test Port		
TP-4-1	Not accessible	
TP-4-2	-0.0106	Measurement collected on 1 April 2022
TP-4-3	-0.0174	
TP-4-4	-0.0064	Measurement collected on 1 April 2022
TP-4-5	-0.0104	
TP-4-6	-0.0126	
System 5 Test Port		
TP-5-1	-0.0056	Measurement collected on 1 April 2022
TP-5-2	-0.0005	
TP-5-3	--0.247	
TP-5-4	-0.0094	
TP-5-5	-0.0063	
System 6 Test Port		
TP-6-1		
TP-6-2		
TP-6-3		
TP-6-4	Measurements not collected due to safety concerns regarding deteriorating building conditions.	
TP-6-5		
TP-6-6		
System 7 Test Port		
TP-7-1		
TP-7-2		
TP-7-3		
TP-7-4	Measurements not collected due to safety concerns regarding deteriorating building conditions.	
TP-7-5		
TP-7-6		

Site Management Plan
Sub-Slab Depressurization System Annual Inspection Form-1
Leica, Inc. Site



Date: 2/28/2022 and 4/1/2022

Time: 1000

Collected By: JR & AB

Note: Fill out Annual Form-1, 2 and 3 along with the Quarterly Inspection form for Annual inspection.

Test Port#	Differential Pressure (Inches of W.C.)	Comments
System 8 Test Port		
TP-8-1		
TP-8-2		
TP-8-3		
TP-8-4		
TP-8-5		
TP-8-6		
TP-8-7	Measurements not collected due to safety concerns regarding deteriorating building conditions.	
TP-8-8		
TP-8-9		
TP-8-10		
TP-8-11		
TP-8-12		
Loading Dock 1 and 2 Test Port/ Sampling Port		
SB-1	-0.15	
SB-2	-0.002	
SB-3	-0.0014	
SB-4	0.0	
SB-5	-0.0032	

Site Management Plan
Sub-Slab Depressurization System Annual Inspection Form-2
Leica, Inc. Site



Date: 2/28/2022
Time: 1000
Collected By: JR & AB

Note: Fill out Annual Form-1,2 and 3 along with the Quarterly Inspection form for Annual inspection.

Test Port#	Vacuum Reading (Inches of W.C.)	Flow Rate (CFM)	Comments/Velocity (ft/min)
Loading Dock -1	3.077	NA	NA
Loading Dock -2	4.143	NA	NA
VS-1A	-8.446	65.05	2982
VS-1B	-8.969	22.47	1030
VS-1C	-8.999	15.74	721
VS-1D	-8.984	24.96	1144
VS-1E	-9.154	38.46	1763
VS-1F	-9.090	22.60	1036
VS-1G	-9.467	25.18	1154
VS-1H	-8.760	32.75	1501
VS-1I	-1.645	12.88	590
VS-1J	-9.309	12.68	581
VS-2A	-8.247	44.84	1139
VS-2B	-9.450	NA	NA
VS-2C	-8.206	24.49	1123
VS-2D	-8.210	25.63	1179
VS-2E	-4.893	30.59	1402
VS-2F	-8.603	26.06	1195
VS-2G	-8.626	19.46	892
VS-2H	-8.607	30.12	1518
VS-2I	-9.172	21.89	1003
VS-2J	NA	NA	NA
VS-3A	-1.837	25.15	1153
VS-3B	-1.880	33.68	1544
VS-3C	-1.680	38.22	1752
VS-3D	-1.220	48.92	2242
VS-3F	-3.093	18.76	860
VS-3G	-3.106	17.38	797
VS-3H	-3.647	53.61	2459
VS-3I	-3.761	23	1054
VS-3J	-6.210	0.46	938
VS-3K	-6.169	104.43	4773

Site Management Plan
Sub-Slab Depressurization System Annual Inspection Form-2
Leica, Inc. Site



Date: 2/28/2022
Time: 1000
Collected By: JR & AB

Note: Fill out Annual Form-1,2 and 3 along with the Quarterly Inspection form for Annual inspection.

Test Port#	Vacuum Reading (Inches of W.C.)	Flow Rate (CFM)	Comments/Velocity (ft/min)
VS-4A	-9.041	23.83	1092
VS-4B	-9.033	26.35	1208
VS-4C	-9.032	39.05	1790
VS-4D	-9.035	21.92	1005
VS-4E	-8.961	NM	NM
VS-4F	-3.756	18.82	863
VS-5A	-0.814	8.77	402
VS-5B	-5.544	44.72	2050
VS-5C	-7.124	16.82	771
VS-5D	-7.249	24.86	1139
VS-5E	-6.949	59.15	2057
VS-5F	-3.666	27.09	1239
VS-5G	-3.733	16.4	752
VS-5H	-8.137	20.73	950
VS-5I	-0.833	43.28	1984
VS-6A	-0.157	0.90	41
VS-6B	-1.733	9.68	444
VS-6C	-1.029	42.39	1943
VS-6D	-0.618	22.15	1015
VS-6E	-1.312	60.78	761
VS-6F	-1.372	48.48	2222
VS-6G	-1.297	29.19	1338
VS-6H	-3.187	18.84	863
VS-6I	-3.072	53.56	2455
VS-6J	-2.535	NM	NM
VS-6K	-4.341	69.01	3163
VS-6L	-3.894	20.59	675
VS-7A			
VS-7B			
VS-7C			
VS-7D			
VS-7E	Measurements not collected due to safety concerns regarding deteriorating building conditions.		
VS-7F			
VS-7G			
VS-7H			
VS-7I			
VS-7J			
VS-7K			

Site Management Plan
Sub-Slab Depressurization System Annual Inspection Form-2
Leica, Inc. Site



Date: 2/28/2022

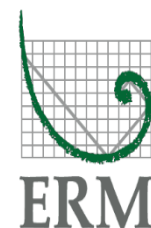
Time: 1000

Collected By: JR & AB

Note: Fill out Annual Form-1,2 and 3 along with the Quarterly Inspection form for Annual inspection.

Test Port#	Vaccum Reading (Inches of W.C.)	Flow Rate (CFM)	Comments/Velocity (ft/min)
VS-8A			
VS-8B			
VS-8C			
VS-8D			
VS-8E			
VS-8F	Measurements not collected due to safety concerns regarding deteriorating building conditions.		
VS-8G			
VS-8H			
VS-8I			
VS-8J			

Site Management Plan
Sub-Slab Depressurization System Annual Inspection Form-3
Leica, Inc. Site



Date: 2/28/2022
Time: 1000
Collected By: JR & AB

Note: Fill out Annual Form-1, 2 and 3 along with the Quarterly Inspection form for Annual inspection.

Test Port#	Yes	No	Instruct
Loading Dock 1 Test Port			
Mini-magnehelic calibrated? Calibrate mini-magnehelic using digital manometer	X		
Mini-Magnehelic tubing is secured and clean?	X		
Vent riser pipes are free from crack, leak, deflection?	X		
Building Floor is free from the floor crack greater than 1/8 inch?	X		
Blower and Blower discharge pipe remain secured and free from any debris	X		
Loading Dock 2 Test Port			
Mini-magnehelic calibrated? Calibrate mini-magnehelic using digital manometer	X		
Mini-Magnehelic tubing is secured and clean?	X		
Vent riser pipes are free from crack, leak, deflection?	X		
Building Floor is free from the floor crack greater than 1/8 inch?	X		
Blower and Blower discharge pipe remain secured and free from any debris	X		
System 1 Test Port			
Mini-magnehelic calibrated? Calibrate mini-magnehelic using digital manometer	X		
Mini-Magnehelic tubing is secured and clean?	X		
Vent riser pipes are free from crack, leak, deflection?	X		

Site Management Plan
Sub-Slab Depressurization System Annual Inspection Form-3
Leica, Inc. Site



Date: 2/28/2022
Time: 1000
Collected By: JR & AB

Note: Fill out Annual Form-1, 2 and 3 along with the Quarterly Inspection form for Annual inspection.

Test Port#	Yes	No	Instruct
Building Floor is free from the floor crack greater than 1/8 inch?	X		
Blower and Blower discharge pipe remain secured and free from any debris	X		
System 2 Test Port			
Mini-magnehelic calibrated? Calibrate mini-magnehelic using digital manometer	X		
Mini-Magnehelic tubing is secured and clean?	X		
Vent riser pipes are free from crack, leak, deflection?	X		
Building Floor is free from the floor crack greater than 1/8 inch?	X		
Blower and Blower discharge pipe remain secured and free from any debris	X		
System 3 Test Port			
Mini-magnehelic calibrated? Calibrate mini-magnehelic using digital manometer	X		
Mini-Magnehelic tubing is secured and clean?	X		
Vent riser pipes are free from crack, leak, deflection?	X		
Building Floor is free from the floor crack greater than 1/8 inch?	X		
Blower and Blower discharge pipe remain secured and free from any debris	X		
System 4 Test Port			
Mini-magnehelic calibrated? Calibrate mini-magnehelic using digital manometer	X		

Site Management Plan
Sub-Slab Depressurization System Annual Inspection Form-3
Leica, Inc. Site



Date: 2/28/2022
Time: 1000
Collected By: JR & AB

Note: Fill out Annual Form-1, 2 and 3 along with the Quarterly Inspection form for Annual inspection.

Test Port#	Yes	No	Instruct
Mini-Magnehelic tubing is secured and clean?	X		
Vent riser pipes are free from crack, leak, deflection?	X		
Building Floor is free from the floor crack greater than 1/8 inch?	X		
Blower and Blower discharge pipe remain secured and free from any debris	X		
System 5 Test Port			
Mini-magnehelic calibrated? Calibrate mini-magnehelic using digital manometer	X		
Mini-Magnehelic tubing is secured and clean?	X		
Vent riser pipes are free from crack, leak, deflection?	X		
Building Floor is free from the floor crack greater than 1/8 inch?	X		
Blower and Blower discharge pipe remain secured and free from any debris	X		
System 6 Test Port			
Mini-magnehelic calibrated? Calibrate mini-magnehelic using digital manometer	X		
Mini-Magnehelic tubing is secured and clean?	X		
Vent riser pipes are free from crack, leak, deflection?	X		
Building Floor is free from the floor crack greater than 1/8 inch?	X		
Blower and Blower discharge pipe remain secured and free from any debris	X		

Site Management Plan
Sub-Slab Depressurization System Annual Inspection Form-3
Leica, Inc. Site



Date: 2/28/2022
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Test Port#	Yes	No	Instruct
System 7 Test Port	System not inspected due to safety concerns related to deteriorating building conditions.		
Mini-magnehelic calibrated? Calibrate mini-magnehelic using digital manometer			
Mini-Magnehelic tubing is secured and clean?			
Vent riser pipes are free from crack, leak, deflection?			
Building Floor is free from the floor crack greater than 1/8 inch?			
Blower and Blower discharge pipe remain secured and free from any debris			
System 8 Test Port	System not inspected due to safety concerns related to deteriorating building conditions.		
Mini-magnehelic calibrated? Calibrate mini-magnehelic using digital manometer			
Mini-Magnehelic tubing is secured and clean?			
Vent riser pipes are free from crack, leak, deflection?			
Building Floor is free from the floor crack greater than 1/8 inch?			
Blower and Blower discharge pipe remain secured and free from any debris			

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