Sent via Email
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February 24, 2025

Highland Grove, LLC
Steven DiMarzo
301 Exchange Boulevard
Rochester, NY 14608

Re: Site Management (SM) Periodic Review Report (PRR)
Response Letter – 2023 and 2024
Former Sherwood Shoe Company
Rochester, Monroe County, New York
NYSDEC Site Number: C828201

Dear Steven DiMarzo:

The New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH), collectively referred to as the "Departments", have reviewed your Periodic Review Report (PRR) and IC/EC Certification prepared by LaBella Associates, D.P.C. for following periods: April 30, 2022 to April 30, 2023 (referred to in this letter as the "2023 PRR") and April 30, 2023 to April 30, 2024 (referred to in this letter as the "2024 PRR").

In accordance with Title 6 of the New York Codes, Rules, and Regulations (NYCRR) part 375-1.6, the PRRs and associated Certifications are conditionally approved in accordance with the following clarifications, modifications, and/or conditions presented below:

2023 PRR:

1. **Section 1.0 Introduction** - The Departments understand that the 2023 PRR covers the monitoring period of April 30, 2022 to April 30, 2023, and not December 30, 2020 to April 30, 2022.
2. **Section 6.3 Recommendations –** The Departments approve the plan of reducing the groundwater monitoring and NAPL monitoring from semi-annually to annually, in accordance with the Site Management Plan. The Departments request that the annual sampling is completed in June or December as it has been historically. The recommendation of the discontinuation of groundwater VOC sampling in MW-06R and MW-08R will be addressed in the comments for the 2024 PRR below.
3. **Section 4.6 Sub-Slab Depressurization System Monitoring** – Going forward, readings for both the U-tube manometer and Pressure Field Extension monitoring points will be presented in the PRR.

2024 PRR:

1. **Section 6.3 Recommendations –** Due to lack of sample collected from the monitoring event during this period, the Departments will continue to require the annual VOC sampling of MW-06R and MW-08R and will reassess the discontinuation at a future time.
2. **Section 4.6 Sub-Slab Depressurization System Monitoring** – Going forward, readings for both the U-tube manometer and PFE monitoring points will be presented in the PRR.

Title 6 of NYCRR part 375-1.6 requires you to choose one of the following responses and notify the Departments in writing (email is acceptable) within **15 days of the date of this letter**:

- Accept the PRR conditions described above, or
- Invoke Dispute Resolution in accordance with part 375-1.5(b)(2).

If the modifications are accepted, then this letter becomes part of the approved Periodic Review Report and IC/EC Certification for all certifying periods addressed in this letter. The PRR describing Site Management activities from April 30th, 2024 to April 30th, 2025 is due 30 days after the certifying period closes, on May 30th, 2025. You will receive a reminder letter and updated certification form prior to the due date. Regardless of receipt of the reminder notice, the next PRR, including the signed certification form, is due on the date specified above.

If you have any questions, or need additional forms, please contact me at 585-438-5280 or e-mail: kathryn.lovell@dec.ny.gov.

Sincerely,

Kathryn Lovell
Project Manager

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Periodic Review Report
NYSDEC BCP Site #C828201
Reporting Period: April 30, 2022 to April 30, 2023

Location:

Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York 14620

Prepared for:

Highland Grove LLC
301 Exchange Street
Rochester, New York 14608

LaBella Project No. 2172056

May 31, 2023
Revised July 13, 2023

LaBella
Powered by partnership.

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Table of Contents

1.0 INTRODUCTION 1
2.0 BACKGROUND 1
3.0 PURPOSE AND SCOPE OF WORK 2
4.0 MONITORING DURING THE REPORTING PERIOD 3
4.1 Monitoring Plan Components 3
4.2 NAPL Monitoring 3
4.3 Groundwater Monitoring Data 3
4.4 Groundwater Monitoring Conclusions 8
4.5 Site Cover System 10
4.6 Sub-Slab Depressurization System Monitoring 10
4.7 Deviations 10
5.0 IC/EC COMPLIANCE 11
5.1 Institutional Controls 11
5.2 Engineering Controls 11
6.0 CONCLUSIONS AND RECOMMENDATIONS 11
6.1 Compliance 11
6.2 Performance and Effectiveness of Remedy 11
6.3 Recommendations 12
6.4 Closing 12

Figures
Figure 1 Site Location Map
Figure 2 Groundwater Monitoring Well Locations
Figure 3 Engineering Controls
Figure 4A Sub-slab Depressurization System Layout
Figure 4B Sub-slab Depressurization System Details

Tables
Table 1 Groundwater Sample Results for VOCs
Table 2 Groundwater Sample Results for SVOCs
Table 3 Groundwater Sample Results for PFAS

Appendices
Appendix 1 Laboratory Report
Appendix 2 Groundwater Sampling Logs
Appendix 3 Site Inspection Forms
Appendix 4 Institutional and Engineering Controls Certification Form
Appendix 5 Data Usability Summary Reports (DUSRs)
Appendix 6 Contaminant Trend Graphs

1.0 INTRODUCTION

LaBella Associates, D.P.C. (LaBella) is pleased to submit this Periodic Review Report (PRR) for the monitoring period from December 30, 2020 to April 30, 2022 for the Former Sherwood Shoe Company Site located at 625 South Goodman Street, City of Rochester, Monroe County, New York, herein after referred to as the "Site". The Site is enrolled in the New York State Department of Environmental Conservation's (NYSDEC's) Brownfield Cleanup Program (BCP), (NYSDEC Site No. C828201). A Site Location Map is included as Figure 1.

LaBella was retained by Highland Grove LLC to assist in the monitoring and reporting requirements associated with the Site Management Plan (SMP) for the Site. Semi-annual groundwater monitoring was completed in June and December of 2021 and an annual inspection was conducted of remedial components installed at the Site in December of 2021. These activities were completed in accordance with the requirements in the SMP and NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation dated May 2010, and guidelines provided by the NYSDEC.

2.0 BACKGROUND

The Former Sherwood Shoe Company Site is located in the City of Rochester, Monroe County, New York and is identified as Section 121.650 Block 2 and Lot 39 on the City of Rochester, Monroe County Tax Map. The Site is situated on an approximately 1.798-acre parcel and is bounded by Interstate 490 to the north, Karges Place and Uhlen Place to the south, South Goodman Street to the east, and various residential properties and commercial business to the west. The elevation of Interstate 490 infrastructure is at a much lower elevation than the Site.

The Sherwood Shoe Factory was constructed in approximately 1905 and the buildings were historically used for various commercial and industrial purposes. The Site buildings appear to have been demolished in the early 1970s following a fire.

Based on the findings of a Phase II ESA, the Site was enrolled in the NYSDEC BCP program in March 2018. A remedial investigation was completed to delineate the extent of soil and groundwater contamination at the Site. The remedial investigation identified urban fill material consisting of ash, cinders, slag and construction and demolition debris throughout the Site soil. SVOC and heavy metals identified during soil sampling were commonly seen in areas with urban fill material present. In addition, pesticides were identified in surface soils at the Site. CVOC impacts exceeding groundwater standards were limited to the central portion of the Site and the northwestern corner of the Site. Petroleum related compounds were identified in bedrock groundwater extending from the western property boundary from the southwest to the northeast and a thin layer of light non-aqueous phase liquid (LNAPL) was temporarily identified. Petroleum impacts did not appear to have an on-Site source based on soil boring information collected. VOCs were also identified in soil gas at the Site. PFAS were identified in shallow soils, decreasing in concentration with depth, likely attributable to a surface release. PFAS were also identified in groundwater.

Site redevelopment activities for the construction of a new building began in October 2018 which included the excavation and disposal of approximately 13,266 tons of contaminated soil and fill material. Approximately 1,200 cubic yards of excavated soil screened to be free of impacts was sampled and reused on-Site in accordance with DER-10. Additionally, approximately 100 cubic yards

of sand and 7,856 tons of various types of crushed and washed stone were imported to and placed on Site.

The remedial actions for the Site were completed in accordance with the NYSDEC Decision Document dated June 2020 and are documented in the Site's Final Engineering Report (FER). Actions completed included the installation of a Site cover system consisting of 2-ft of clean soil cover or impervious surfaces to prevent exposure to remaining contamination and installation of a sub-slab depressurization system (SSDS) within the newly constructed Site building to meet the planned use of the Site. The final Site cover consists of area of asphalt, the building slab foundation, and areas of 2-ft of clean soil cover. Contamination remaining in soil at the Site consists of VOCs, SVOCs, metals, pesticides, PFAS and PCBs beneath the Site cover. VOCs remain in soil gas at the Site and VOCs, SVOCs, metals and PFAS remain in Site groundwater. A SMP for the Site describes the monitoring activities required to ensure institutional and engineering controls at the Site are in place and functioning as designed.

3.0 PURPOSE AND SCOPE OF WORK

The purpose of this report is to present the monitoring work completed at the Site during the April 30, 2022 to April 30, 2023 monitoring period. This report also summarizes the cumulative groundwater data. This work was completed in general accordance with the provisions identified in the RAWP and approved NYSDEC revisions. As required by the NYSDEC, this monitoring report includes the following information:

- A description of the remedy and all activities performed during the reporting period, including any problems encountered, solutions, significant repairs, and deviations from the work plan.
- Summary tables that include cumulative analytical results with comparisons to available Standards, Criteria, or Guidance Values (SCGs).
- Concentration posting maps for total chlorinated volatile organic compounds (CVOCs) in groundwater.
- Comments, conclusions, and recommendations based on an evaluation of the information in the report.
- Inspections of the SSDS and site cover system.
- A copy of the laboratory analytical report(s).

4.0 MONITORING DURING THE REPORTING PERIOD

4.1 Monitoring Plan Components

Monitoring and laboratory analyses were completed in accordance with the SMP. A summary of the routine monitoring and analyses is provided in the following table:

Monitoring Program Component	Frequency	Monitored	Matrix	Analysis
NAPL Monitoring	Semi-Annually	RIBW-01R and RIBW-02	NAPL/Groundwater	Measure for NAPL, if present.
Groundwater	Semi-Annually	MW-02R, MW-04R, MW-06R, MW-08R, RIBW-01R, RIBW-02, and RIBW-03.	Groundwater	TCL and CP-51 VOCs, TCL and CP-51 SVOCs(1), & PFAS(2)
Site Cover / Property Use	Annually or as-needed	Site Cover Condition and Property Use	Not Applicable	Evaluate Site Cover for damage or changes.
SSDS System and Components	Annually or as-needed	Fans, alarms, piping and pressure.	Not Applicable	Pressure should be in typical operating range, alarms should sound if pressure drops, evaluate pipe condition for damages or changes.

Notes:
(1) SVOC samples are required only from wells RIBW-01R and RIBW-02
(2) PFAS samples are required only from wells MW-02R, MW-06R, MW-08R, RIBW-01R, RIBW-02 and RIBW-03.

Refer to Figure 2 for the groundwater monitoring well locations. Refer to Figure 3 for a general depiction of the Site cover system as it was installed and general location of the SSDS. Refer to Figures 4A and 4B for the general SSDS system layout and details. For more information regarding the engineering controls at the Site, refer to the Final Engineering Report for the Site.

4.2 NAPL Monitoring

NAPL monitoring was performed on June 28, 2022 and December 7, 2022 using an oil-water interface probe. NAPL was not observed during either of the monitoring events; therefore, measures for recovery of any NAPL were not implemented (i.e., absorbent sock or vacuum truck).

4.3 Groundwater Monitoring Data

Groundwater monitoring was performed on June 28 to July 1, 2022, and December 7 to December 8, 2022, using low flow sampling techniques. Low flow sampling methodology in accordance with the SMP was utilized for the collection of VOC, SVOC and PFAS groundwater samples. HDPE tubing was used for sample collection and PFAS sample jars were filled first to reduce the potential for cross

contamination. PFAS samples were collected in accordance with the *NYSDEC Guidelines for Sampling and Analysis of Per- and Polyfluoroalkyl Substances* dated June 2021 or the subsequent update dated November 2022. Monitoring wells were sampled for the parameters listed in Section 4.1.

Groundwater samples collected were submitted for at least one of the following parameters:

- TCL and CP-51 VOCs by United States Environmental Protection Agency (USEPA) method 8260
- TCL and CP-51 SVOCs by USEPA method 8270
- PFAS by USEPA Method 537.1

All samples were collected directly into laboratory-supplied containers, preserved as appropriate on ice in a cooler and submitted to Alpha Analytical in Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory, under chain-of-custody protocol.

The following provides a summary of groundwater sampling results for each of the seven (7) monitoring wells that are part of the monitoring program. Refer to Appendix 2 for the field logs including groundwater sampling logs. Refer to Appendix 3 for inspection forms related to the Site monitoring wells.

The analytical results are displayed in Table 1, Table 2 and Table 3 and the analytical laboratory reports are included as Appendix 1. Refer to Appendix 5 for the data usability summary reports (DUSRs). Refer to Appendix 6 for contaminant trend graphs.

MW-02R

Monitoring well MW-02R was found to be dry during both semi-annual groundwater monitoring events in 2022. No groundwater was able to be collected and sampled for VOCs or PFAS from the monitoring well in each of the attempts made. Note that monitoring well MW-02R was installed down to refusal on or near bedrock and that groundwater samples for VOCs and PFAS were able to be collected in nearby upgradient bedrock well RIBW-03.

Due to the inability to collect samples from this well, data trends have not been analyzed.

MW-04R

VOCs

Tetrachloroethene (PCE) was detected at a concentration of 5.1 ppb in the sampled collected in June 2022 slightly exceeding the TOGS 1.1.1 Groundwater standard of 5 ppb.. Additionally, acetone was detected in the sample; however, the concentration is below the TOGS 1.1.1 Groundwater standard.

Monitoring well MW-04R was found to be dry during the December 2022 groundwater sampling event; therefore, no groundwater was able to be collected and sampled for VOCs from the monitoring well during the event. Note that monitoring well MW-04R was installed down to refusal on or near bedrock and nearby bedrock well RIBW-01R was able to be sampled during the event.

Trends in data at MW-04R have not been evaluated because only one sample was able to be collected over the four sample events due to low groundwater levels.

MW-06R

VOCs

Vinyl chloride was detected in overburden monitoring well MW-06R in the June 2022 and December 2022 sampling events at concentrations below the NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guideline Values (TOGS 1.1.1 Groundwater Standards) for the contaminant. No other VOCs were detected in the samples.

Four (4) consecutive rounds of sampling have not detected any VOCs above the groundwater standards.

PFAS

Several PFAS were detected in groundwater samples from June 2022 and December 2022 with total PFAS concentrations of 65.42 parts per trillion (ppt) and 80.57 ppt, respectively. PFOA was detected in the June 28, 2022 sample at a concentration that remains below the NYSDEC TOGS 1.1.1 Ambient Water Standard for Protection of Human Health. PFOS was not detected in either of the samples. There are currently no regulatory standards for other PFAS.

Trends in PFOA and PFOS concentrations show that the compounds are consistently low from June 2021 to December 2022 while remaining below applicable standards.

MW-08R

VOCs

Trichloroethene (TCE) was detected in the July 2022 and December 2022 groundwater samples collected from overburden well MW-08R at a concentration below the TOGS 1.1.1 Groundwater Standard. Additional VOCs were detected in the samples but were also below applicable standards.

Four (4) consecutive rounds of sampling have not detected any VOCs above the groundwater standards.

PFAS

Several PFAS were detected in groundwater samples from July and December 2022 with total PFAS concentrations of 55.83 ppt and 140.24 ppt, respectively. PFOS and PFOA were detected in both the June and December samples with the concentration of PFOS detected in July of 2.89 ppt slightly exceeding the NYSDEC TOGS 1.1.1 Ambient Water Standard for Protection of Human Health of 2.7 ppt.

Trend graphs show that total PFOA concentrations have decreased from a level that exceeded the TOGS 1.1.1 Ambient Water Standard for Protection of Human Health to concentrations in the next three sampling events below the groundwater standards with a continued decreasing trend. PFOS appear to increase from June 2021 to a peak in July 2022 at a concentration that exceeds TOGS 1.1.1 standards however the concentration declined in December 2022 back down to below the groundwater standard.

RIBW-01R

VOCs

CVOCs, including cis and trans 1,2-dichloroethene (DCE), were detected in groundwater samples collected from bedrock groundwater monitoring well RIBW-01R in both June 2022 and December 2022 exceeding TOGS 1.1.1 Groundwater standards. Both the June 2022 and December 2022 groundwater samples also detected low levels of trichloroethene (TCE) and vinyl chloride at concentrations below groundwater standards. Several petroleum related compounds including ethylbenzene, naphthalene, o-xylene, p/m-xylene, toluene, benzene and 1,2,4-trimethylbenzene were also detected at concentrations above the TOGS 1.1.1 groundwater standards.

Trend graphs show a slight decreasing trend in total CVOC concentrations in the groundwater collected from the monitoring well. Petroleum-related VOCs show an increase from a low point in December 2021 to a peak in June 2022. The petroleum related VOC concentrations then decreased from June 2022 to December 2022 however the concentration remains greater than those detected in 2021. The petroleum-related VOCs graph shows an overall increasing trend.

SVOCs

Several SVOCs were detected in samples collected in June 2022 and December 2022. Detections consisted primarily of petroleum related PAH's and several were detected in groundwater at concentrations exceeding the TOGS 1.1.1 Groundwater Standards.

SVOC, or more specially PAH, data trends in RIBW-01 appear to mirror the petroleum-related VOC concentration graph for the monitoring well. Concentrations have increased from 2021 to 2022 with a peak in June 2022 followed by a decrease in concentrations in December 2022 to levels that are still above concentrations detected in 2021.

PFAS

Several PFAS were detected in groundwater samples from June and December 2021 with total PFAS concentrations of 26.92 ppt and 25.07 ppt, respectively. PFOS was not detected in the samples and PFOA was detected in the June 2022 duplicate sample at levels below the TOGS 1.1.1 Ambient Water Standard for Protection of Human Health.

Trends in PFOA and PFOS concentrations show that the compounds are consistently low from June 2021 to December 2022 while remaining below applicable standards.

RIBW-02

VOCs

CVOCs and petroleum related VOCs were detected in both June and December groundwater samples from bedrock monitoring well RIBW-02. TCE was detected at a concentration of 0.98 ppb in the June 2022 sample and at 0.79 ppb in the December 2022 duplicate sample, which remain below the TOGS 1.1.1 Groundwater standard of 5 ppb for TCE. Several of the petroleum related compounds (i.e., benzene, 1,2,4-trimethylbenzene, isopropylbenzene, 1,3,5-trimethylbenzene, toluene, ethylbenzene, o-xylene, p/m-xylene, and naphthalene) were detected in each sample exceeding the TOGS 1.1.1 Groundwater Standards.

CVOCs concentrations in the monitoring point appear to be consistently low throughout each of the sampling events. Petroleum-related VOCs appear to show a slight increasing trend from 2021 to 2022 with a low point identified in December 2021 and high point in December 2022.

SVOCs

Several SVOCs were detected in samples collected in June 2022 and December 2022. Detections consisted primarily of PAH's with several concentrations exceeding the TOGS 1.1.1 Groundwater Standards.

Graphs of petroleum related SVOCs, more specifically, PAH's, show a relatively consistent trend in PAH concentrations overtime. Local lows are identified in June of 2021 and June of 2022 while local peaks in concentrations are identified in December 2021 and December 2022.

PFAS

Several PFAS were detected in groundwater samples from June 2022 and December 2022 with total PFAS concentrations of 16.50 ppt and 7.59 ppt, respectively. PFOS was not detected in the June 2022 sampling event while it was detected in the December 2022 sampling event. PFOA was detected in both events. The concentrations of PFOS and PFOA detected are below the TOGS 1.1.1 Ambient Water Standard for Protection of Human Health.

Trend graphs show the concentrations of PFOA and PFOS are consistently low throughout each of the sampling events.

RIBW-03

VOCs

CVOCs were detected in the July and December 2022 groundwater sample from bedrock monitoring well RIBW-03. Specifically, cis-1,2-DCE and vinyl chloride were each detected in the samples; however, the concentrations detected were below the TOGS 1.1.1 Groundwater standards.

VOCs have not exceeded GW standards in the last 3 consecutive sampling events.

PFAS

Several PFAS were detected in groundwater samples from July 2022 and December 2022 with total PFAS concentrations of 1,211.39 ppt and 1,144.00 ppt, respectively. PFOA was detected in both the July 2022 and December 2022 samples with the concentration of PFOA detected in July 2022 of 7.66 ppt exceeding the TOGS 1.1.1 Ambient Water Standard for Protection of Human Health. PFOS was detected in the December 2022 groundwater sample however, the concentration was below the TOGS 1.1.1 Groundwater standard.

Trends indicate that PFOA appears to be decreasing while PFOS has remained relatively consistently low.

4.4 Groundwater Monitoring Conclusions

Contaminants of concern identified in groundwater were generally consistent between the two monitoring events in 2021. The results have been compared to groundwater sampling completing in 2018 during the Remedial Investigation. The following conclusions are made regarding the sampling results:

VOCs

RI 2018 Sampling
VOCs were detected above the NYSDEC TOGS 1.1.1 Groundwater Standards in wells RIBW-01, RIBW-02, RIBW-03, MW-04 and MW-08. CVOCs and petroleum related compound exceedances were detected in RIBW-01R, only petroleum related exceedances were detected in RIBW-02 and only CVOC exceedances were identified in RIBW-03.

Post COC 2021 Sampling
VOCs were only detected above the NYSDEC TOGS 1.1.1 Groundwater Standards in wells RIBW-01R, RIBW-02 and RIBW-03. CVOCs and petroleum related compound exceedances were detected in RIBW-01R, only petroleum related exceedances were detected in RIBW-02 and only CVOC exceedances were identified in RIBW-03. Based on the groundwater flow from the southwest to northeast and the location of RIBW-02 (in the northwestern portion of the Site), the high concentrations of petroleum-related VOCs detected in RIBW-02 appear to be a result of migration of impacts to the Site.

Post COC 2022 Sampling
VOCs were only detected above NYSDEC TOGS 1.1.1 Groundwater standards in wells MW-04R, RIBW-01R, and RIBW-02. Only CVOC and petroleum related exceedances were detected in RIBW-01R, only petroleum related exceedances were detected in RIBW-02, and only slight CVOC exceedances were detected in MW-04R,.

Table A below outlines the total concentrations of VOCs detected in the groundwater samples collected in 2018 during the RI, the two 2021 sampling events and two 2022 sampling events. Total concentrations of VOCs have decreased between the 2018 sampling event and the 2021 sampling events followed by an increase in 2022 for RIBW-01R and RIBW-02. VOC concentrations have decreased since the sampling in 2018 in RIBW-03 and MW-04.

Monitoring Wells Names	Table A. Total Concentration of VOCs detected in Groundwater Samples				
	RI 2018 Sampling	June 2021	December 2021	June/July 2022	December 2022
RIBW-01*/RIBW-01R	113.2	40.48	49.6	208.6	135.7
RIBW-02	526.57	513.08	469.2	539.08	604.69
RIBW-03	30.98 to 32.67	16.02	ND	3.52	2.4
MW-04*/MW-04R	49.1	NA	NA	21.1	NA

Notes:
1. All values displayed in micrograms per liter (ug/L) or parts per billion
2. ND indicates the compounds were not detected above the laboratory method detection limit (MDL)
3. *RIBW-01 was destroyed but reinstalled as RIBW-01R in May 2020. MW-04 was destroyed but reinstalled as MW-04R in April 2020
4. NA indicates not analyzed.

SVOCs

RI 2018 Sampling
SVOCs were detected above the NYSDEC TOGS 1.1.1 Groundwater Standards in well RIBW-02 for compounds: 2,4-dichlorophenol, acenaphthene, fluorine, naphthalene, and phenanthrene. Note that naphthalene is also considered a petroleum-related VOC and was also identified in the VOC analysis for this sample.

Post COC 2021 Sampling
SVOCs were detected above the NYSDEC TOGS 1.1.1 Groundwater Standards in wells RIBW-01R and RIBW-02. Detections appear to be primarily petroleum related compounds. Table B outlines the concentrations of the sampling events for wells RIBW-01 and RIBW-02.

Post COC 2022 Sampling
SVOCs were detected above the NYSDEC TOGS 1.1.1 Groundwater Standards in wells RIBW-01R and RIBW-02. Detections appear to be primarily petroleum related compounds. Table B outlines the total concentrations of the sampling events for wells RIBW-01 and RIBW-02.

Table B below outlines the total concentrations of SVOCs detected in the groundwater samples collected in 2018 during the RI, the two 2021 sampling events and the two 2022 events. Total SVOC concentrations increased from 2018 to 2022 in the RIBW-01 location while concentrations in RIBW-02 initial have decreased from 2018 to 2022.

Monitoring Wells Names	Table B. Total Concentration of SVOCs detected in Groundwater Samples				
	RI 2018 Sampling	June 2021	December 2021	June/July 2022	December 2022
RIBW-01*/RIBW-01R	ND	104.39	87.22	448.84	273.28
RIBW-02	1116.4	685.87	1169.7	602.71	919.53

Notes:
1. All values displayed in micrograms per liter (ug/L) or parts per billion
2. ND indicates the compounds were not detected above laboratory method detection limit (MDL)
3. *RIBW-01 was destroyed but reinstalled as RIBW-01R in May 2020.

PFAS

RI 2018 Sampling
PFOS was detected exceeding the TOGS 1.1.1 Ambient Water Standard for Protection of Human Health in well MW-06. PFOA was detected in well RIBW-03 exceeding the TOGS1 .1.1 Ambient Water Standard for Protection of Human Health. Several other individual PFAS were detected with the highest total PFAS identified in RIBW-03.

Post COC 2021 Sampling
PFOA was detected exceeding the TOGS 1.1.1 Ambient Water Standard for Protection of Human Health in wells MW-08R and RIBW-03. Several other individual PFAS were detected with the highest total PFAS identified in RIBW-03.

Post COC 2022 Sampling
The NYSDEC Guidance for sampling and analysis of PFAS, dated April 2023 indicated new standards to follow for PFOA and PFOS which are to be compared to TOGS 1.1.1 Ambient Water Standard for Protection of Human Health. The standard for PFOA in groundwater is 6.7 ppt and for PFOS is 2.7

ppt. Concentration in the previous years' events are have been compared to the new standards. PFOA was detected exceeding the NYSDEC TOGS 1.1.1 standard in well RIBW-03. PFOS was detected exceeding the NYSDEC TOGS 1.1.1 standard in well MW-08R. Several other individual PFAS were detected with the highest total PFAS identified in RIBW-03.

Table C outlines the total PFOS/PFOA concentrations of the sampling events for wells RIBW-03, MW-08/MW-08R and MW-06/MW-06R. Total PFOS/PFOA concentrations have slightly increased in wells MW-08/MW-08R since 2018, have slightly decreased in well RIBW-03 since 2018 and have significantly declined in well MW-06/MW-06R since 2018.

Monitoring Wells Names	Table C. Total Concentration of PFOA/PFOS detected in Groundwater Samples				
	RI 2018 Sampling	June 2021	December 2021	June/July 2022	December 2022
RIBW-03	9.2	7.48	10.3	7.66	6.7
MW-08*/MW-08R	2.4 – 2.7	16.2	4.13	5.58	3.93
MW-06*/MW-06R	83	ND	ND	0.276	ND

Notes:
1. All values displayed in nanograms per liter (ng/L) or parts per trillion
2. ND indicates the compounds were not detected above the laboratory method detection limit (MDL)
3. *MW-06 and MW-08 were destroyed but reinstalled as MW-06R and MW-08R in April 2020

4.5 Site Cover System

A Site-wide inspection of the cover system was conducted on December 8, 2022, to assess the general condition of the Site as well as conditions of the cover system. The cover consists of asphalt parking lot, the building slab, concrete walkways, and greenspace areas with 2-ft of soil with established vegetation. The Site cover system remains in place and in good condition with no evidence of excavation or other disturbances into the cover materials. A copy of the Site Inspection Forms are included in Appendix 3.

4.6 Sub-Slab Depressurization System Monitoring

The sub-slab depressurization system (SSDS) monitoring was completed on December 8, 2022, in order to verify proper operation of each system and its components. Visual observation of pressure readings were collected from the in-line U-tube manometers connected to risers for each of the two (2) fans. The in-line U-tube manometer on the suction side of the piping for the East System indicated a pressure of approximately 0.5-inches of water column ("wc) and the manometer for the West System indicated a pressure of approximately 0.7-"wc. The manometer readings indicate the SSDS are operational. In addition to pressure readings, the system piping and alarms were visually observed to confirm they were in good condition and operating as designed. Documentation of the SSDS operation is included in Appendix 3.

4.7 Deviations

The following deviations from the proposed work are identified below:

- During both the June and December sampling events, multiple attempts were made to collect groundwater from well MW-02R and during the December sampling event multiple attempts were made to collect water from MW-04R; however, no groundwater was present during attempts. As a result, samples were not collected and submitted from these wells during the aforementioned events. It should be noted that these overburden monitoring wells were installed to refusal on apparent bedrock and bedrock groundwater monitoring wells near each of the wells were able to be sampled. RIBW-01 is closely located near MW-04R and RIBW-03 is located in the near vicinity of MW-02R.

5.0 IC/EC COMPLIANCE

5.1 Institutional Controls

The following Institutional Controls are included in the SMP for the Site:

- Compliance with the Environmental Easement and the SMP.
- Property may by used for restricted residential use.
- All Engineering Controls must be operated and maintained in accordance with the SMP.
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP.
- Groundwater use, vegetable gardens and farming at the Site are prohibited.
- The remedial party or Site owner is to complete and submit a periodic certification of institution and engineering controls.

The Site-wide inspection determined that Institutional Controls have been complied with including compliance with the Environmental Easement and the SMP. There are no new conclusions or regarding the Institutional Controls at this time.

5.2 Engineering Controls

The following engineering controls are in place at the Site:

- Cover system
- Vapor mitigation system (i.e., sub-slab depressurization system)

The Site-wide cover system and SSDS continue to operate as designed and comply with the Environmental Easement and the SMP. There are no new conclusions or recommendations for any changes related to the Engineering Controls at this time.

The EC/IC Certification statement and forms are included as Appendix 4.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Compliance

The requirements dictated in the SMP regarding IC/EC's and the Monitoring Plan were met during the reporting period.

6.2 Performance and Effectiveness of Remedy

An evaluation of the components of the SMP during this reporting period indicates that, as of the end date of this report, the IC/EC controls were protective of human health and the environment. The monitoring plan sufficiently monitored the performance of the remedy.

6.3 Recommendations

Since residual contamination remains at the Site, applicable Site management requirements should be continued. It is recommended that the frequency of groundwater sampling and NAPL monitoring be reduced from semi-annually to annually based on the relative consistency of results and the lack of NAPL detected in the past four sampling events. Additionally, it is recommended that VOC sampling in wells MW-06R and MW-08R be discontinued due to lack of groundwater exceedances detected in each of the four (4) consecutive sampling events.

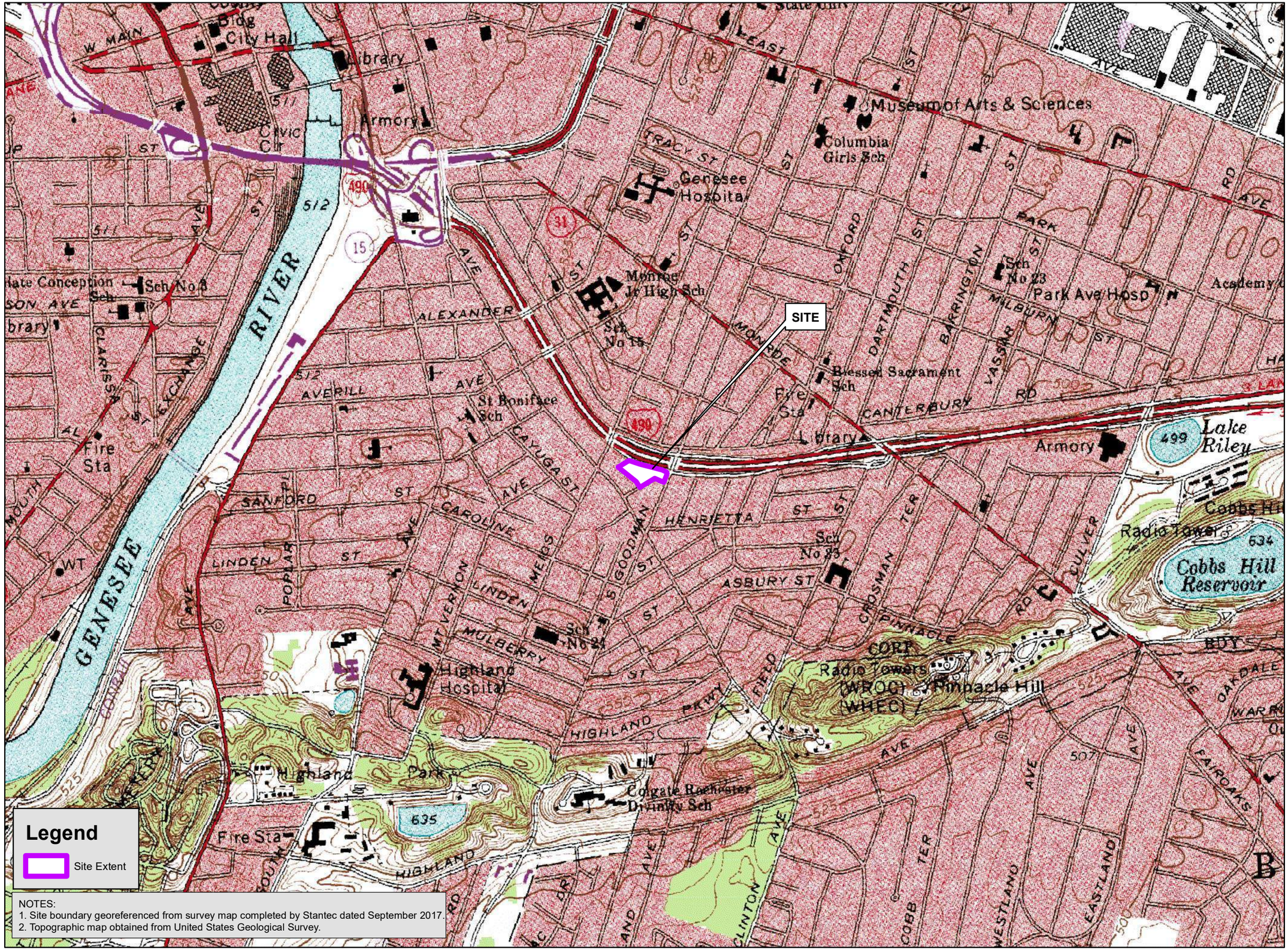
6.4 Closing

The work conducted during this reporting period was completed in accordance with the SMP (except as noted in Section 4.7). The analytical results from the most recent sampling events indicate the presence of VOCs, SVOCs and PFAS at concentrations consistent with those expected based on the final remedy chosen for the Site. The Site institutional and engineering controls appear to be in place and operating as designed.

The next groundwater monitoring event is scheduled to be completed in July 2023.

I:\HIGHLAND GROVE LLC\2172056 - KARGES & UHLEN PLACE BCP APP\POST-COC ACTIVITIES\2022\PRR.2023.5.31_FORMER SHERWOOD SHOE COMPANY_C828201.DOCX

FIGURES



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Feet
1 inch = 1,000 feet
INTENDED TO PRINT AS: 11" X 17"

PROJECT:
Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York
NYSDEC BCP Site No. C828201

Periodic Review
Report

DRAWING NAME:

Site Location

PROJECT/DRAWING NUMBER:

2172056

FIGURE 1

Path: I:\Highland Grove LLC\2172056 - Karges & Uhlen Place BCP App\Drawings\SMP\Figure 1 - Site Location.mxd

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1 inch = 20 feet

INTENDED TO PRINT AS: ANSI D

PROJECT:

Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York
NYSDEC BCP Site No. C828201

DRAWING NAME:

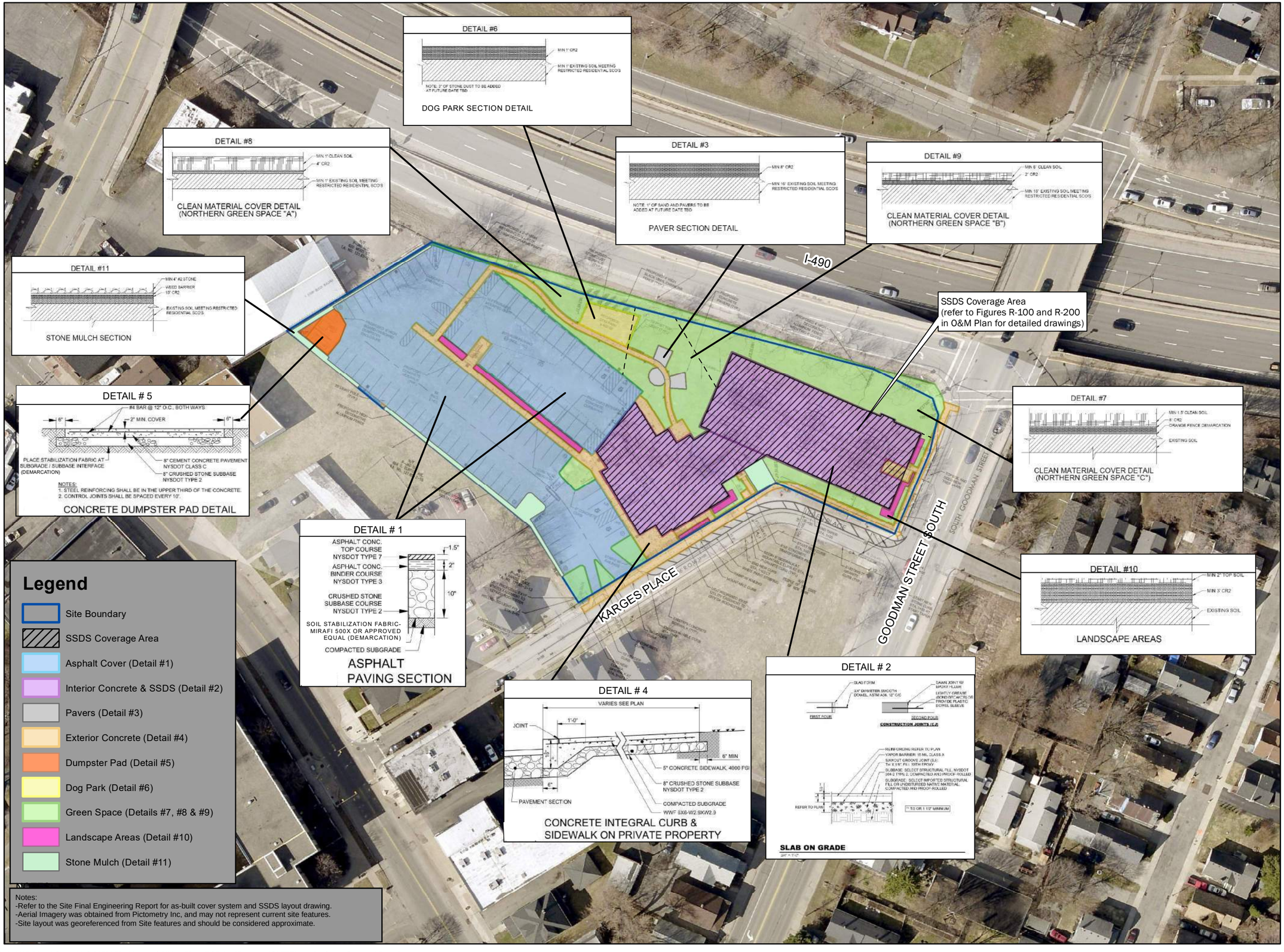
GROUNDWATER MONITORING WELL LOCATIONS

PROJECT/DRAWING NUMBER:

2172056

FIGURE 2

Path: I:\Highland Grove LLC\2172056 - Karges & Uhlen Place BCP App\Drawings\PostCOC\Figure2_GroundwaterWellLocations.mxd



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1 inch = 80 feet

INTENDED TO PRINT AS: 11" X 17"

CLIENT:

HIGHLAND GROVE LLC

PROJECT:

PERIODIC REVIEW REPORT

FORMER SHERWOOD SHOE COMPANY
625 SOUTH GOODMAN ST
ROCHESTER, NEW YORK

NYSDEC BCP #C828201

DRAWING NAME:

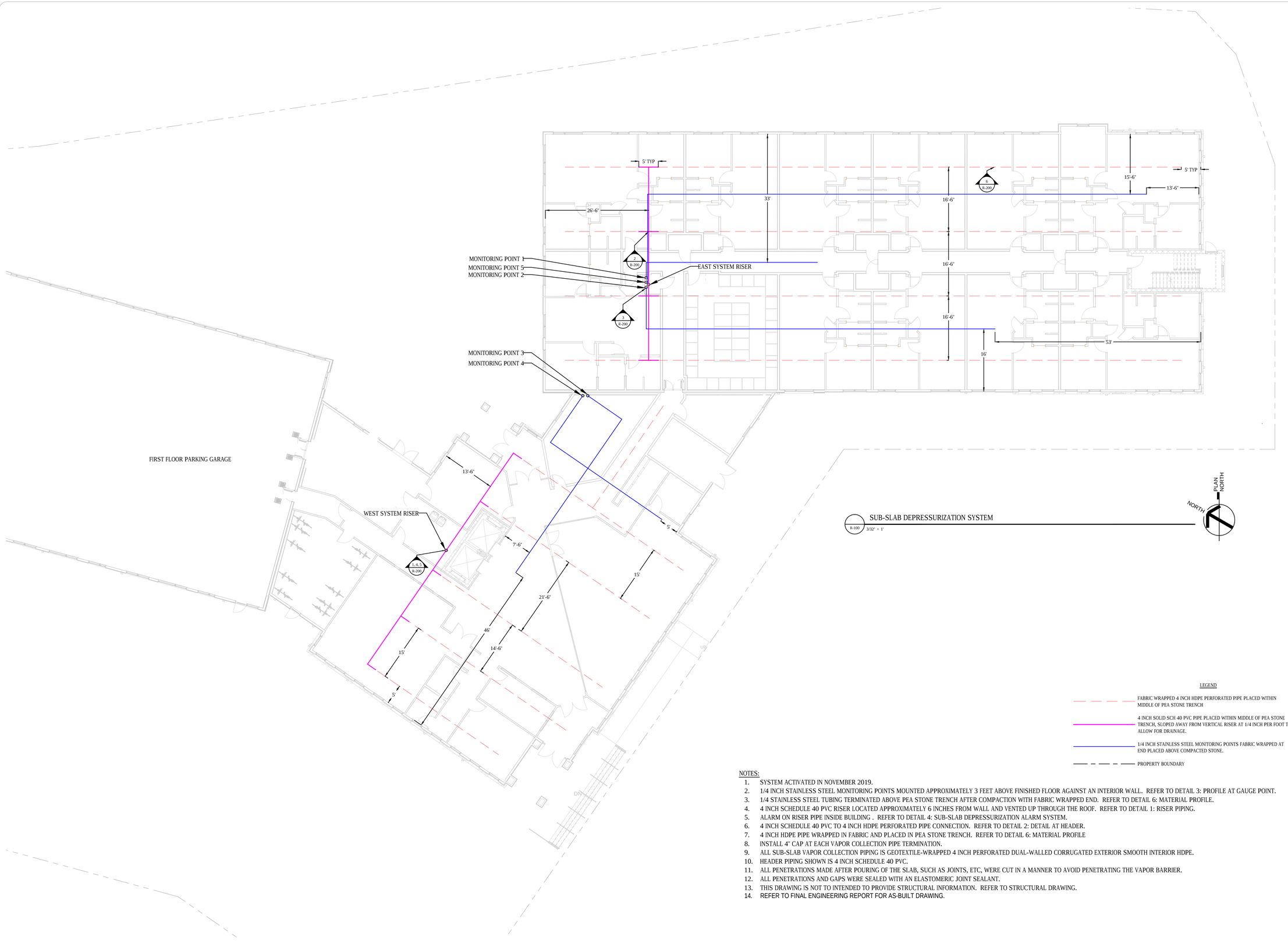
ENGINEERING CONTROLS

PROJECT/DRAWING NUMBER:

2172056

FIGURE 3

Path: I:\Highland Grove LLC\2172056 - Karges & Uhlen Place BCP App\Drawings\SMP\Figure 9 - Cover System AB.mxd



R-100 SUB-SLAB DEPRESSURIZATION SYSTEM
3/32" = 1'

LEGEND

- FABRIC WRAPPED 4 INCH HDPE PERFORATED PIPE PLACED WITHIN MIDDLE OF PEA STONE TRENCH
- 4 INCH SOLID SCH 40 PVC PIPE PLACED WITHIN MIDDLE OF PEA STONE TRENCH, SLOPED AWAY FROM VERTICAL RISER AT 1/4 INCH PER FOOT TO ALLOW FOR DRAINAGE.
- 1/4 INCH STAINLESS STEEL MONITORING POINTS FABRIC WRAPPED AT END PLACED ABOVE COMPACTED STONE.
- PROPERTY BOUNDARY

NOTES:

1. SYSTEM ACTIVATED IN NOVEMBER 2019.
2. 1/4 INCH STAINLESS STEEL MONITORING POINTS MOUNTED APPROXIMATELY 3 FEET ABOVE FINISHED FLOOR AGAINST AN INTERIOR WALL. REFER TO DETAIL 3: PROFILE AT GAUGE POINT.
3. 1/4 STAINLESS STEEL TUBING TERMINATED ABOVE PEA STONE TRENCH AFTER COMPACTION WITH FABRIC WRAPPED END. REFER TO DETAIL 6: MATERIAL PROFILE.
4. 4 INCH SCHEDULE 40 PVC RISER LOCATED APPROXIMATELY 6 INCHES FROM WALL AND VENTED UP THROUGH THE ROOF. REFER TO DETAIL 1: RISER PIPING.
5. ALARM ON RISER PIPE INSIDE BUILDING . REFER TO DETAIL 4: SUB-SLAB DEPRESSURIZATION ALARM SYSTEM.
6. 4 INCH SCHEDULE 40 PVC TO 4 INCH HDPE PERFORATED PIPE CONNECTION. REFER TO DETAIL 2: DETAIL AT HEADER.
7. 4 INCH HDPE PIPE WRAPPED IN FABRIC AND PLACED IN PEA STONE TRENCH. REFER TO DETAIL 6: MATERIAL PROFILE
8. INSTALL 4" CAP AT EACH VAPOR COLLECTION PIPE TERMINATION.
9. ALL SUB-SLAB VAPOR COLLECTION PIPING IS GEOTEXTILE-WRAPPED 4 INCH PERFORATED DUAL-WALLED CORRUGATED EXTERIOR SMOOTH INTERIOR HDPE.
10. HEADER PIPING SHOWN IS 4 INCH SCHEDULE 40 PVC.
11. ALL PENETRATIONS MADE AFTER POURING OF THE SLAB, SUCH AS JOINTS, ETC, WERE CUT IN A MANNER TO AVOID PENETRATING THE VAPOR BARRIER.
12. ALL PENETRATIONS AND GAPS WERE SEALED WITH AN ELASTOMERIC JOINT SEALANT.
13. THIS DRAWING IS NOT TO INTENDED TO PROVIDE STRUCTURAL INFORMATION. REFER TO STRUCTURAL DRAWING.
14. REFER TO FINAL ENGINEERING REPORT FOR AS-BUILT DRAWING.

NO.	REVISION	BY	DATE

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PROJECT/CLIENT
HIGHLAND GROVE, LLC
FORMER SHERWOOD SHOE FACTORY
625 GOODMAN STREET
ROCHESTER, NEW YORK
NYSDEC BCP #C828201

DRAWING TITLE
SUB-SLAB DEPRESSURIZATION SYSTEM LAYOUT

ISSUED FOR

DESIGNED BY: AA
DRAWN BY: DRP
REVIEWED BY: AA
SCALE: 3/32" = 1'

DATE: 12-3-2018

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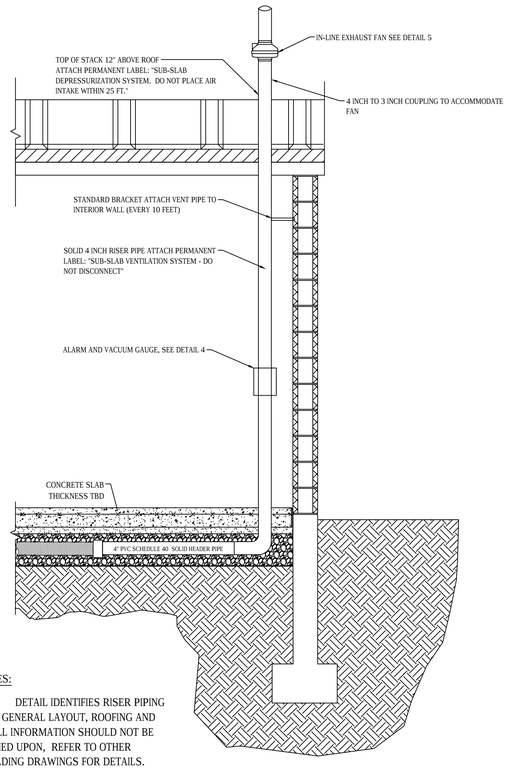
PROJECT/DRAWING NUMBER
2172056

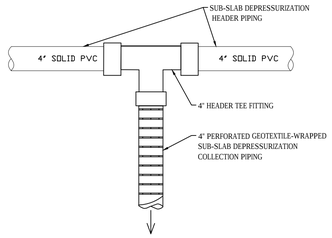
FIG 4A



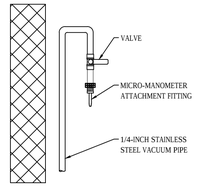
NOTES:

1. DETAIL IDENTIFIES RISER PIPING FOR GENERAL LAYOUT, ROOFING AND WALL INFORMATION SHOULD NOT BE RELIED UPON, REFER TO OTHER BUILDING DRAWINGS FOR DETAILS.

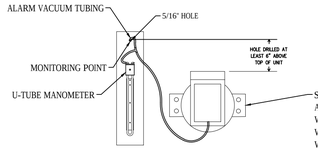
1 RISER PIPING
SCALE: NONE



2 DETAIL AT HEADER
SCALE: NONE



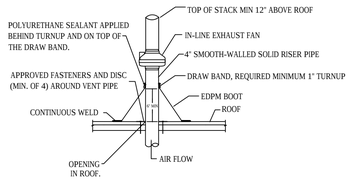
3 PROFILE AT GAUGE POINT
SCALE: NONE



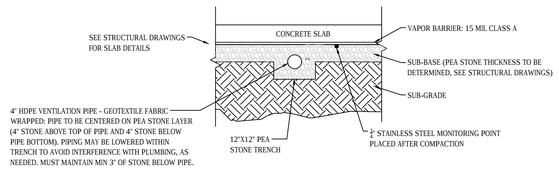
NOTES:

1. ALARM INSTALLED ON SEPARATE CIRCUIT FROM VENT FAN.

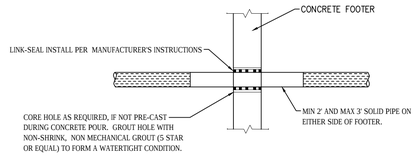
4 SUB-SLAB DEPRESSURIZATION SYSTEM ALARM
SCALE: NONE



5 DETAIL AT ROOF
SCALE: NONE



6 MATERIAL PROFILE
SCALE: NONE



7 PROFILE AT PENETRATION
SCALE: NONE

NOTES:
1. REFER TO FINAL ENGINEERING REPORT FOR AS-BUILT DRAWING.

NO.	REVISION	BY	DATE
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PROJECT/CLIENT
HIGHLAND GROVE, LLC
FORMER SHERWOOD SHOE FACTORY
625 GOODMAN STREET
ROCHESTER, NEW YORK
NYSDEC BCP #C828201

DRAWING TITLE
SUB-SLAB DEPRESSURIZATION SYSTEM DETAILS

ISSUED FOR

DESIGNED BY: AA
DRAWN BY: DRP
REVIEWED BY: AA
DATE: 12-3-2018

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PROJECT/DRAWING NUMBER
2172056

FIG 4B

TABLES

Table 1 (Page 1 of 6)
VOC results in Groundwater
Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York
NYSDEC Site No. C828201

MONITORING WELL: MW-04R

SAMPLE ID:	NYSDEC TOGS 1.1.1 Groundwater Quality Standards	MW-04R	
COLLECTION DATE:		6/28/2022	
SAMPLE MATRIX:		GROUNDWATER	
ANALYTE		Conc	Q
Volatile Organic Compounds			
1,1,1-Trichloroethane	5	<0.7	U
1,1,2,2-Tetrachloroethane	5	<0.17	U
1,1,2-Trichloroethane	1	<0.5	U
1,1-Dichloroethane	5	<0.7	U
1,1-Dichloroethene	5	<0.17	U
1,2,4-Trichlorobenzene	5	<0.7	U
1,2,4-Trimethylbenzene	5	<0.7	U
1,2-Dibromo-3-chloropropane	0.04	<0.7	U
1,2-Dibromoethane	0.0006	<0.65	U
1,2-Dichlorobenzene	3	<0.7	U
1,2-Dichloroethane	0.6	<0.13	U
1,2-Dichloropropane	1	<0.14	U
1,3,5-Trimethylbenzene	5	<0.7	U
1,3-Dichlorobenzene	3	<0.7	U
1,4-Dichlorobenzene	3	<0.7	UJ
2-Butanone	50	<1.9	U
2-Hexanone	50	<1	UJ
4-Methyl-2-pentanone	NA	<1	UJ
Acetone	50	**16**	J
Benzene	1	<0.16	U
Bromodichloromethane	50	<0.19	U
Bromoform	50	<0.65	U
Bromomethane	5	<0.7	U
Carbon disulfide	60	<1	U
Carbon tetrachloride	5	<0.13	U
Chlorobenzene	5	<0.7	U
Chloroethane	5	<0.7	U
Chloroform	7	<0.7	U
Chloromethane	5	<0.7	U
cis-1,2-Dichloroethene	5	<0.7	U
cis-1,3-Dichloropropene	0.4	<0.14	U
Cyclohexane	NA	<0.27	U
Dibromochloromethane	50	<0.15	U
Dichlorodifluoromethane	5	<1	U
Ethylbenzene	5	<0.7	U
Freon-113	5	<0.7	U
Isopropylbenzene	5	<0.7	U
Methyl Acetate	NA	<0.23	U
Methyl cyclohexane	NA	<0.4	U
Methyl tert butyl ether	10	<0.7	U
Methylene chloride	5	<0.7	U
n-Butylbenzene	5	<0.7	U
n-Propylbenzene	5	<0.7	U
Naphthalene	10	<0.7	U
o-Xylene	5	<0.7	U
p-Isopropyltoluene	5	<0.7	U
p/m-Xylene	5	<0.7	U
sec-Butylbenzene	5	<0.7	U
Styrene	5	<0.7	U
tert-Butylbenzene	5	<0.7	U
Tetrachloroethene	5	**5.1**	
Toluene	5	<0.7	U
trans-1,2-Dichloroethene	5	<0.7	U
trans-1,3-Dichloropropene	0.4	<0.16	U
Trichloroethene	5	<0.18	UJ
Trichlorofluoromethane	5	<0.7	U
Vinyl chloride	2	<0.07	U
Total Xylenes	5	**–**	
Total VOCs	NA	**21.1**	-

Notes:

All values are displayed in micrograms per liter (µg/L) or parts per billion (ppb)

Conc - Concentration

J qualifer - indicate the concentration is considered estimated

NA - indicates no applicable regulatory standard

Q - Laboratory Qualifier

U qualifier and "<" symbol - indicate the analyte was not detected above the laboratory method detection limit (MDL) with the MDL shown.

BOLD BLACK values indicate the analyte was detected above the laboratory MDL.

BOLD RED values indicate the concentration was detected above the NYSDEC TOGS 1.1.1 Ambient Groundwater Quality Standards and Guidance Values

"–" indicates the analyte was not analyzed for

ND - not detected

Table 1 (Page 2 of 6)
VOC results in Groundwater
Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York
NYSDEC Site No. C828201

MONITORING WELL: MW-06R

SAMPLE ID:	NYSDEC TOGS 1.1.1 Groundwater Quality Standards	MW-06R-6.9.21		MW-06R-121721		MW-06R		MW-06R-1272022	
COLLECTION DATE:		6/9/2021		12/17/2021		6/28/2022		12/7/2022	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q	Conc	Q	Conc	Q
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	<0.7	U	<0.82	U	<0.7	U	<0.7	UJ
1,1,2,2-Tetrachloroethane	5	<0.17	U	<0.21	U	<0.17	U	<0.17	UJ
1,1,2-Trichloroethane	1	<0.5	U	<0.23	U	<0.5	U	<0.5	UJ
1,1-Dichloroethane	5	<0.7	U	<0.38	U	<0.7	U	<0.7	UJ
1,1-Dichloroethene	5	<0.17	U	<0.29	U	<0.17	U	<0.17	UJ
1,2,4-Trichlorobenzene	5	<0.7	U	<0.41	U	<0.7	U	<0.7	UJ
1,2,4-Trimethylbenzene	5	<0.7	U	<0.75	U	<0.7	U	<0.7	UJ
1,2-Dibromo-3-chloropropane	0.04	<0.7	U	<0.39	U	<0.7	U	<0.7	UJ
1,2-Dibromoethane	0.0006	<0.65	U	<0.73	U	<0.65	U	<0.65	UJ
1,2-Dichlorobenzene	3	<0.7	U	<0.79	U	<0.7	U	<0.7	UJ
1,2-Dichloroethane	0.6	<0.13	U	<0.21	U	<0.13	U	<0.13	UJ
1,2-Dichloropropane	1	<0.14	U	<0.72	U	<0.14	U	<0.14	UJ
1,3,5-Trimethylbenzene	5	<0.7	U	<0.77	U	<0.7	U	<0.7	UJ
1,3-Dichlorobenzene	3	<0.7	U	<0.78	U	<0.7	U	<0.7	UJ
1,4-Dichlorobenzene	3	<0.7	U	<0.84	U	<0.7	UJ	<0.7	UJ
2-Butanone	50	<1.9	U	<1.3	U	<1.9	U	<1.9	UJ
2-Hexanone	50	<1	U	<1.2	U	<1	UJ	<1	UJ
4-Methyl-2-pentanone	NA	<1	U	<2.1	U	<1	UJ	<1	UJ
Acetone	50	<1.5	U	<3	U	<1.5	U	<1.5	UJ
Benzene	1	<0.16	U	<0.41	U	<0.16	U	<0.16	UJ
Bromodichloromethane	50	<0.19	U	<0.39	U	<0.19	U	<0.19	UJ
Bromoform	50	<0.65	U	<0.26	U	<0.65	U	<0.65	UJ
Bromomethane	5	<0.7	U	<0.69	U	<0.7	U	<0.7	UJ
Carbon disulfide	60	<1	U	<0.19	U	<1	U	<1	UJ
Carbon tetrachloride	5	<0.13	U	<0.27	U	<0.13	U	<0.13	UJ
Chlorobenzene	5	<0.7	U	<0.75	U	<0.7	U	<0.7	UJ
Chloroethane	5	<0.7	U	<0.32	U	<0.7	U	<0.7	UJ
Chloroform	7	<0.7	U	<0.34	U	<0.7	U	<0.7	UJ
Chloromethane	5	<0.7	U	<0.35	U	<0.7	U	<0.7	UJ
cis-1,2-Dichloroethene	5	<0.7	U	<0.81	U	<0.7	U	<0.7	UJ
cis-1,3-Dichloropropene	0.4	<0.14	U	<0.36	U	<0.14	U	<0.14	UJ
Cyclohexane	NA	<0.27	U	<0.18	U	<0.27	U	<0.27	UJ
Dibromochloromethane	50	<0.15	U	<0.32	U	<0.15	U	<0.15	UJ
Dichlorodifluoromethane	5	<1	U	<0.68	U	<1	U	<1	UJ
Ethylbenzene	5	<0.7	U	<0.74	U	<0.7	U	<0.7	UJ
Freon-113	5	<0.7	U	<0.31	U	<0.7	U	<0.7	UJ
Isopropylbenzene	5	<0.7	U	<0.79	U	<0.7	U	<0.7	UJ
Methyl Acetate	NA	<0.23	U	<1.3	U	<0.23	U	<0.23	UJ
Methyl cyclohexane	NA	<0.4	U	<0.16	U	<0.4	U	<0.4	UJ
Methyl tert butyl ether	10	<0.7	U	<0.16	U	<0.7	U	<0.7	UJ
Methylene chloride	5	<0.7	U	<0.44	U	<0.7	U	<0.7	UJ
n-Butylbenzene	5	<0.7	U	<0.64	U	<0.7	U	<0.7	UJ
n-Propylbenzene	5	<0.7	U	<0.69	U	<0.7	U	<0.7	UJ
Naphthalene	10	<0.7	U	<0.43	U	<0.7	U	<0.7	UJ
o-Xylene	5	<0.7	U	--		<0.7	U	<0.7	UJ
p-Isopropyltoluene	5	<0.7	U	--		<0.7	U	<0.7	UJ
p/m-Xylene	5	<0.7	U	--		<0.7	U	<0.7	UJ
sec-Butylbenzene	5	<0.7	U	<0.75	U	<0.7	U	<0.7	UJ
Styrene	5	<0.7	U	<0.73	U	<0.7	U	<0.7	UJ
tert-Butylbenzene	5	<0.7	U	<0.81	U	<0.7	U	<0.7	UJ
Tetrachloroethene	5	<0.18	U	<0.36	U	<0.18	U	<0.18	UJ
Toluene	5	<0.7	U	<0.51	U	<0.7	U	<0.7	UJ
trans-1,2-Dichloroethene	5	<0.7	U	<0.9	U	<0.7	U	<0.7	UJ
trans-1,3-Dichloropropene	0.4	<0.16	U	<0.37	U	<0.16	U	<0.16	UJ
Trichloroethene	5	<0.18	U	<0.46	U	<0.18	UJ	<0.18	UJ
Trichlorofluoromethane	5	<0.7	U	<0.88	U	<0.7	U	<0.7	UJ
Vinyl chloride	2	**0.75**	J	<0.9	U	**0.2**	J	**1.6**	J
Total Xylenes	5	**--**		<0.66	U	**--**		**--**	
Total VOCs	NA	**0.75**	-	ND		**0.2**	-	**1.6**	-

Notes:

All values are displayed in micrograms per liter (µg/L) or parts per billion (ppb)

Conc - Concentration

J qualifer - indicate the concentration is considered estimated

NA - indicates no applicable regulatory standard

Q - Laboratory Qualifier

U qualifier and "<" symbol - indicate the analyte was not detected above the laboratory method detection limit (MDL) with the MDL shown.

BOLD BLACK values indicate the analyte was detected above the laboratory MDL.

BOLD RED values indicate the concentration was detected above the NYSDEC TOGS 1.1.1 Ambient Groundwater Quality Standards and Guidance Values

"--" indicates the analyte was not analyzed for

ND - not detected

Table 1 (Page 3 of 6)
VOC results in Groundwater
Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York
NYSDEC Site No. C828201

MONITORING WELL: MW-08R

SAMPLE ID:	NYSDEC TOGS 1.1.1 Groundwater Quality Standards	MW-08R-6.10.21		MW-08R-121621		MW-08R		MW-08R-1282022	
COLLECTION DATE:		6/10/2021		12/16/2021		7/1/2022		12/8/2022	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q	Conc	Q	Conc	Q
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	<0.7	U	<1.6	U	<0.7	UJ	<0.7	UJ
1,1,2,2-Tetrachloroethane	5	<0.17	U	<0.42	U	<0.17	UJ	<0.17	UJ
1,1,2-Trichloroethane	1	<0.5	U	<0.46	U	<0.5	UJ	<0.5	UJ
1,1-Dichloroethane	5	<0.7	U	<0.76	U	<0.7	UJ	<0.7	UJ
1,1-Dichloroethene	5	<0.17	U	<0.58	U	<0.17	UJ	<0.17	UJ
1,2,4-Trichlorobenzene	5	<0.7	U	<0.82	U	<0.7	UJ	<0.7	UJ
1,2,4-Trimethylbenzene	5	<0.7	U	<1.5	U	<0.7	UJ	<0.7	UJ
1,2-Dibromo-3-chloropropane	0.04	<0.7	U	<0.78	U	<0.7	UJ	<0.7	UJ
1,2-Dibromoethane	0.0006	<0.65	U	<1.5	U	<0.65	UJ	<0.65	UJ
1,2-Dichlorobenzene	3	<0.7	U	<1.6	U	<0.7	UJ	<0.7	UJ
1,2-Dichloroethane	0.6	<0.13	U	<0.42	U	<0.13	UJ	<0.13	UJ
1,2-Dichloropropane	1	<0.14	U	<1.4	U	<0.14	UJ	<0.14	UJ
1,3,5-Trimethylbenzene	5	<0.7	U	<1.5	U	<0.7	UJ	<0.7	UJ
1,3-Dichlorobenzene	3	<0.7	U	<1.6	U	<0.7	UJ	<0.7	UJ
1,4-Dichlorobenzene	3	<0.7	U	<1.7	U	<0.7	UJ	<0.7	UJ
2-Butanone	50	<1.9	U	<2.6	U	**2**	J	<1.9	UJ
2-Hexanone	50	<1	U	<2.5	U	<1	UJ	<1	UJ
4-Methyl-2-pentanone	NA	<1	U	<4.2	U	<1	UJ	<1	UJ
Acetone	50	**4.6**	J	<6	U	**32**	J	**2.8**	J
Benzene	1	<0.16	U	<0.82	U	<0.16	UJ	<0.16	UJ
Bromodichloromethane	50	<0.19	U	<0.78	U	<0.19	UJ	<0.19	UJ
Bromoform	50	<0.65	U	<0.52	U	<0.65	UJ	<0.65	UJ
Bromomethane	5	**1.0**	J	<1.4	U	<0.7	UJ	<0.7	UJ
Carbon disulfide	60	<1	U	<0.38	U	<1	UJ	<1	UJ
Carbon tetrachloride	5	<0.13	U	<0.54	U	<0.13	UJ	<0.13	UJ
Chlorobenzene	5	<0.7	U	<1.5	U	<0.7	UJ	<0.7	UJ
Chloroethane	5	<0.7	U	<0.64	U	<0.7	UJ	<0.7	UJ
Chloroform	7	<0.7	U	<0.68	U	<0.7	UJ	<0.7	UJ
Chloromethane	5	<0.7	U	<0.7	U	<2.5	UJ	<0.7	UJ
cis-1,2-Dichloroethene	5	<0.7	U	<1.6	U	<0.7	UJ	<0.7	UJ
cis-1,3-Dichloropropene	0.4	<0.14	U	<0.72	U	<0.14	UJ	<0.14	UJ
Cyclohexane	NA	<0.27	U	<0.36	U	<0.27	UJ	<0.27	UJ
Dibromochloromethane	50	<0.15	U	<0.64	U	<0.15	UJ	<0.15	UJ
Dichlorodifluoromethane	5	<1	U	<1.4	U	<1	UJ	<1	UJ
Ethylbenzene	5	<0.7	U	<1.5	U	<0.7	UJ	<0.7	UJ
Freon-113	5	<0.7	U	<0.62	U	<0.7	UJ	<0.7	UJ
Isopropylbenzene	5	<0.7	U	<1.6	U	<0.7	UJ	<0.7	UJ
Methyl Acetate	NA	<0.23	U	<2.6	U	<0.23	UJ	<0.23	UJ
Methyl cyclohexane	NA	<0.4	U	<0.32	U	<0.4	UJ	<0.4	UJ
Methyl tert butyl ether	10	<0.7	U	<0.32	U	<0.7	UJ	<0.7	UJ
Methylene chloride	5	<0.7	U	**1.3**		<0.7	UJ	<0.7	UJ
n-Butylbenzene	5	<0.7	U	<1.3	U	<0.7	UJ	<0.7	UJ
n-Propylbenzene	5	<0.7	U	<1.4	U	<0.7	UJ	<0.7	UJ
Naphthalene	10	<0.7	U	**2.8**		<0.7	UJ	<0.7	UJ
o-Xylene	5	<0.7	U	--		<0.7	UJ	<0.7	UJ
p-Isopropyltoluene	5	<0.7	U	--		<0.7	UJ	<0.7	UJ
p/m-Xylene	5	<0.7	U	--		<0.7	UJ	<0.7	UJ
sec-Butylbenzene	5	<0.7	U	<1.5	U	<0.7	UJ	<0.7	UJ
Styrene	5	<0.7	U	<1.5	U	<0.7	UJ	<0.7	UJ
tert-Butylbenzene	5	<0.7	U	<1.6	U	<0.7	UJ	<0.7	UJ
Tetrachloroethene	5	<0.18	U	<0.72	U	<0.18	UJ	<0.18	UJ
Toluene	5	<0.7	U	<1	U	<0.7	UJ	<0.7	UJ
trans-1,2-Dichloroethene	5	<0.7	U	<1.8	U	<0.7	UJ	<0.7	UJ
trans-1,3-Dichloropropene	0.4	<0.16	U	<0.74	U	<0.16	UJ	<0.16	UJ
Trichloroethene	5	**0.51**		<0.92	U	**0.93**	J	**2.1**	J
Trichlorofluoromethane	5	<0.7	U	<1.8	U	<0.7	UJ	<0.7	UJ
Vinyl chloride	2	<0.07	U	<1.8	U	<0.07	UJ	<0.07	UJ
Total Xylenes	5	**--**		<1.3	U	**--**		**--**	
Total VOCs	NA	**6.11**	-	**4.1**	-	**35.89**	-	**4.9**	-

Notes:

All values are displayed in micrograms per liter (µg/L) or parts per billion (ppb)

Conc - Concentration

J qualifer - indicate the concentration is considered estimated

NA - indicates no applicable regulatory standard

Q - Laboratory Qualifier

U qualifier and "<" symbol - indicate the analyte was not detected above the laboratory method detection limit (MDL) with the MDL shown.

BOLD BLACK values indicate the analyte was detected above the laboratory MDL.

BOLD RED values indicate the concentration was detected above the NYSDEC TOGS 1.1.1 Ambient Groundwater Quality Standards and Guidance Values

"--" indicates the analyte was not analyzed for

ND - not detected

Table 1 (Page 4 of 6)
VOC results in Groundwater
Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York
NYSDEC Site No. C828201

MONITORING WELL: RIBW-01R

SAMPLE ID:	NYSDEC TOGS 1.1.1 Groundwater Quality Standards	RIBW-01R-6.8.21		DUP-6.8.21 (RIBW-01R-6.8.21)		RIBW-01R-121721		DUP-121721 (RIBW-01R-121721)		RIBW-01R		DUPE-20220628 (RIBW-01R)		RIBW-01R-1272022	
COLLECTION DATE:		6/8/2021		6/8/2021		12/17/2021		12/17/2021		6/28/2022		6/28/2022		12/7/2022	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Volatile Organic Compounds															
1,1,1-Trichloroethane	5	<0.7	U	<0.7	U	<0.82	U	<0.82	U	<0.7	U	<0.7	U	<0.7	UJ
1,1,2,2-Tetrachloroethane	5	<0.17	U	<0.17	U	<0.21	U	<0.21	U	<0.17	U	<0.17	U	<0.17	UJ
1,1,2-Trichloroethane	1	<0.5	U	<0.5	U	<0.23	U	<0.23	U	<0.5	U	<0.5	U	<0.5	UJ
1,1-Dichloroethane	5	<0.7	U	<0.7	U	<0.38	U	<0.38	U	<0.7	U	<0.7	U	<0.7	UJ
1,1-Dichloroethene	5	<0.17	U	<0.17	U	<0.29	U	<0.29	U	<0.17	U	<0.17	U	<0.17	UJ
1,2,4-Trichlorobenzene	5	<0.7	U	<0.7	U	<0.41	U	<0.41	U	<0.7	U	<0.7	U	<0.7	UJ
1,2,4-Trimethylbenzene	5	<0.7	U	<0.7	U	<0.75	U	<0.75	U	**8.6**		**8.5**		**9.7**	J
1,2-Dibromo-3-chloropropane	0.04	<0.7	U	<0.7	U	<0.39	U	<0.39	U	<0.7	U	<0.7	U	<0.7	UJ
1,2-Dibromoethane	0.0006	<0.65	U	<0.65	U	<0.73	U	<0.73	U	<0.65	U	<0.65	U	<0.65	UJ
1,2-Dichlorobenzene	3	<0.7	U	<0.7	U	<0.79	U	<0.79	U	<0.7	U	<0.7	U	<0.7	UJ
1,2-Dichloroethane	0.6	<0.13	U	<0.13	U	<0.21	U	<0.21	U	<0.13	U	<0.13	U	<0.13	UJ
1,2-Dichloropropane	1	<0.14	U	<0.14	U	<0.72	U	<0.72	U	<0.14	U	<0.14	U	<0.14	UJ
1,3,5-Trimethylbenzene	5	<0.7	U	<0.7	U	<0.77	U	<0.77	U	**1.9**	J	**1.9**	J	**1.6**	J
1,3-Dichlorobenzene	3	<0.7	U	<0.7	U	<0.78	U	<0.78	U	<0.7	U	<0.7	U	<0.7	UJ
1,4-Dichlorobenzene	3	<0.7	U	<0.7	U	<0.84	U	<0.84	U	<0.7	UJ	<0.7	UJ	<0.7	UJ
2-Butanone	50	<1.9	U	<1.9	U	<1.3	U	<1.3	U	<1.9	U	<1.9	U	<1.9	UJ
2-Hexanone	50	<1	U	<1	U	<1.2	U	<1.2	U	<1	UJ	<1	UJ	<1	UJ
4-Methyl-2-pentanone	NA	<1	U	<1	U	<2.1	U	<2.1	U	<1	UJ	<1	UJ	<1	UJ
Acetone	50	<1.5	U	<1.5	U	<3	U	<3	U	<1.5	U	<1.5	U	<1.5	UJ
Benzene	1	**2.4**		**2.5**		**1.9**		**2.0**		**8.6**		**8.5**		**9.6**	J
Bromodichloromethane	50	<0.19	U	<0.19	U	<0.39	U	<0.39	U	<0.19	U	<0.19	U	<0.19	UJ
Bromoform	50	<0.65	U	<0.65	U	<0.26	U	<0.26	U	<0.65	U	<0.65	U	<0.65	UJ
Bromomethane	5	<0.7	U	<0.7	U	<0.69	U	<0.69	U	<0.7	UJ	<0.7	U	<0.7	UJ
Carbon disulfide	60	<1	U	<1	U	<0.19	U	<0.19	U	<1	U	<1	U	<1	UJ
Carbon tetrachloride	5	<0.13	U	<0.13	U	<0.27	U	<0.27	U	<0.13	U	<0.13	U	<0.13	UJ
Chlorobenzene	5	<0.7	U	<0.7	U	<0.75	U	<0.75	U	<0.7	U	<0.7	U	<0.7	UJ
Chloroethane	5	<0.7	U	<0.7	U	<0.32	U	<0.32	U	<0.7	U	<0.7	U	<0.7	UJ
Chloroform	7	<0.7	U	<0.7	U	<0.34	U	<0.34	U	<0.7	U	<0.7	U	<0.7	UJ
Chloromethane	5	<0.7	U	<0.7	U	<0.35	U	<0.35	U	<0.7	U	<0.7	U	<0.7	UJ
cis-1,2-Dichloroethene	5	**5.5**		**5.4**		**8.4**		**8.8**		**7.5**		**7.5**		**6.2**	J
cis-1,3-Dichloropropene	0.4	<0.14	U	<0.14	U	<0.36	U	<0.36	U	<0.14	U	<0.14	U	<0.14	UJ
Cyclohexane	NA	<0.27	U	<0.27	U	<0.18	U	<0.18	U	<0.27	U	<0.27	U	<0.27	UJ
Dibromochloromethane	50	<0.15	U	<0.15	U	<0.32	U	<0.32	U	<0.15	U	<0.15	U	<0.15	UJ
Dichlorodifluoromethane	5	<1	U	<1	U	<0.68	U	<0.68	U	<1	U	<1	U	<1	UJ
Ethylbenzene	5	**3.1**		**3.1**		**3.0**		**3.1**		**20**		**20**		**28**	J
Freon-113	5	<0.7	U	<0.7	U	<0.31	U	<0.31	U	<0.7	U	<0.7	U	<0.7	UJ
Isopropylbenzene	5	<0.7	U	<0.7	U	<0.79	U	<0.79	U	**3.2**		**3.2**		**4.5**	J
Methyl Acetate	NA	<0.23	U	<0.23	U	<1.3	U	<1.3	U	<0.23	U	<0.23	U	<0.23	UJ
Methyl cyclohexane	NA	<0.4	U	<0.4	U	<0.16	U	<0.16	U	<0.4	U	<0.4	U	<0.4	UJ
Methyl tert butyl ether	10	<0.7	U	<0.7	U	<0.16	U	<0.16	U	<0.7	U	<0.7	U	<0.7	UJ
Methylene chloride	5	<0.7	U	<0.7	U	<0.44	U	<0.44	U	<0.7	U	<0.7	U	<0.7	UJ
n-Butylbenzene	5	<0.7	U	<0.7	U	<0.64	U	<0.64	U	<0.7	U	<0.7	U	<0.7	UJ
n-Propylbenzene	5	<0.7	U	<0.7	U	<0.69	U	<0.69	U	**1.1**	J	**1.1**	J	**1.6**	J
Naphthalene	10	**2.9**		**3.1**		**3.1**		**3.3**		**100**		**100**		**18**	J
o-Xylene	5	**1.3**	J	**1.4**	J	--		--		**13**		**13**		**18**	J
p-Isopropyltoluene	5	<0.7	U	<0.7	U	--		--		<0.7	U	<0.7	U	<0.7	UJ
p/m-Xylene	5	**1.2**	J	**1.2**	J	--		--		**16**		**16**		**14**	J
sec-Butylbenzene	5	<0.7	U	<0.7	U	<0.75	U	<0.75	U	<0.7	U	<0.7	U	<0.7	UJ
Styrene	5	<0.7	U	<0.7	U	<0.73	U	<0.73	U	<0.7	U	<0.7	U	<0.7	UJ
tert-Butylbenzene	5	<0.7	U	<0.7	U	<0.81	U	<0.81	U	<0.7	U	<0.7	U	<0.7	UJ
Tetrachloroethene	5	**0.79**		**0.84**		<0.36	U	<0.36	U	<0.18	U	<0.18	U	<0.18	UJ
Toluene	5	<0.7	U	<0.7	U	<0.51	U	<0.51	U	**7**		**6.8**		**5.5**	J
trans-1,2-Dichloroethene	5	**15**		**15**		**22**		**23**		**20**		**20**	J	**17**	J
trans-1,3-Dichloropropene	0.4	<0.16	U	<0.16	U	<0.37	U	<0.37	U	<0.16	U	<0.16	U	<0.16	UJ
Trichloroethene	5	**7.9**		**7.7**		**9.0**		**9.7**		**1.2**	J	**1.2**	J	**0.4**	J
Trichlorofluoromethane	5	<0.7	U	<0.7	U	<0.88	U	<0.88	U	<0.7	U	<0.7	U	<0.7	UJ
Vinyl chloride	2	**0.39**	J	**0.36**	J	<0.9	U	<0.9	U	**0.5**	J	**0.51**	J	**1.6**	J
Total Xylenes	5	--		--		**2.2**		**2.4**						--	
Total VOCs	NA	**40.48**	-	**40.6**	-	**49.6**	-	**52.3**	-	**208.6**	-	**208.21**	-	**135.7**	-

Notes:

All values are displayed in micrograms per liter (µg/L) or parts per billion (ppb)

Conc - Concentration

J qualifer - indicate the concentration is considered estimated

NA - indicates no applicable regulatory standard

Q - Laboratory Qualifier

U qualifier and "<" symbol - indicate the analyte was not detected above the laboratory method detection limit (MDL) with the MDL shown.

BOLD BLACK values indicate the analyte was detected above the laboratory MDL.

BOLD RED values indicate the concentration was detected above the NYSDEC TOGS 1.1.1 Ambient Groundwater Quality Standards and Guidance Values

"--" indicates the analyte was not analyzed for

ND - not detected

Table 1 (Page 5 of 6)
VOC results in Groundwater
Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York
NYSDEC Site No. C828201

MONITORING WELL: RIBW-02

SAMPLE ID:	NYSDEC TOGS 1.1.1 Groundwater Quality Standards	RIBW-02-6.9.21		RIBW-02-121721		RIBW-02		RIBW-02-1272022		DUPLICATE-1272022 (RIBW-02-1272022)	
COLLECTION DATE:		6/9/2021		12/17/2021		6/29/2022		12/7/2022		12/7/2022	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	<1.8	U	<0.82	U	<2.8	U	<2.8	U	<2.8	U
1,1,2,2-Tetrachloroethane	5	<0.42	U	<0.21	U	<0.67	U	<0.67	U	<0.67	U
1,1,2-Trichloroethane	1	<1.2	U	<0.23	U	<2	U	<2	U	<2	U
1,1-Dichloroethane	5	<1.8	U	<0.38	U	<2.8	U	<2.8	U	<2.8	U
1,1-Dichloroethene	5	<0.42	U	<0.29	U	<0.68	U	<0.68	U	<0.68	U
1,2,4-Trichlorobenzene	5	<1.8	U	<0.41	U	<2.8	U	<2.8	U	<2.8	U
1,2,4-Trimethylbenzene	5	**68**		**48**		**46**		**48**		**48**	
1,2-Dibromo-3-chloropropane	0.04	<1.8	U	<0.39	U	<2.8	U	<2.8	U	<2.8	U
1,2-Dibromoethane	0.0006	<1.6	U	<0.73	U	<2.6	U	<2.6	U	<2.6	U
1,2-Dichlorobenzene	3	<1.8	U	<0.79	U	<2.8	U	<2.8	U	<2.8	U
1,2-Dichloroethane	0.6	<0.33	U	<0.21	U	<0.53	U	<0.53	U	<0.53	U
1,2-Dichloropropane	1	<0.34	U	<0.72	U	<0.55	U	<0.55	U	<0.55	U
1,3,5-Trimethylbenzene	5	**12**		**7.6**		**8**	J	**8.2**	J	**7.9**	J
1,3-Dichlorobenzene	3	<1.8	U	<0.78	U	<2.8	U	<2.8	U	<2.8	U
1,4-Dichlorobenzene	3	<1.8	U	<0.84	U	<2.8	U	<2.8	U	<2.8	U
2-Butanone	50	<4.8	U	<1.3	U	<7.8	U	<7.8	U	<7.8	U
2-Hexanone	50	<2.5	U	<1.2	U	<4	UJ	<4	U	<4	U
4-Methyl-2-pentanone	NA	<2.5	U	<2.1	U	<4	U	<4	U	<4	U
Acetone	50	<3.6	U	<3	U	<5.8	U	<5.8	U	<5.8	U
Benzene	1	**6.2**		**5.7**		**4**		**6.3**		**6.3**	
Bromodichloromethane	50	<0.48	U	<0.39	U	<0.77	U	<0.77	U	<0.77	U
Bromoform	50	<1.6	U	<0.26	U	<2.6	U	<2.6	U	<2.6	U
Bromomethane	5	<1.8	U	<0.69	U	<2.8	UJ	<2.8	UJ	<2.8	UJ
Carbon disulfide	60	<2.5	U	**0.22**		<4	U	<4	U	<4	U
Carbon tetrachloride	5	<0.34	U	<0.27	U	<0.54	U	<0.54	U	<0.54	U
Chlorobenzene	5	<1.8	U	<0.75	U	<2.8	U	<2.8	U	<2.8	U
Chloroethane	5	<1.8	U	<0.32	U	<2.8	U	<2.8	U	<2.8	U
Chloroform	7	<1.8	U	<0.34	U	<2.8	U	<2.8	U	<2.8	U
Chloromethane	5	<1.8	U	<0.35	U	<2.8	U	<2.8	U	<2.8	U
cis-1,2-Dichloroethene	5	<1.8	U	<0.81	U	<2.8	U	<2.8	U	<2.8	U
cis-1,3-Dichloropropene	0.4	<0.36	U	<0.36	U	<0.58	U	<0.58	U	<0.58	U
Cyclohexane	NA	**0.76**	J	**0.59**		<1.1	U	<1.1	U	<1.1	U
Dibromochloromethane	50	<0.37	U	<0.32	U	<0.6	U	<0.6	U	<0.6	U
Dichlorodifluoromethane	5	<2.5	U	<0.68	U	<4	U	<4	U	<4	U
Ethylbenzene	5	**43**		**36**		**28**		**33**		**33**	
Freon-113	5	<1.8	U	<0.31	U	<2.8	U	<2.8	U	<2.8	U
Isopropylbenzene	5	**15**		**14**		**11**		**13**		**12**	
Methyl Acetate	NA	<0.58	U	<1.3	U	<0.94	U	<0.94	U	<0.94	U
Methyl cyclohexane	NA	**2.0**	J	**1.2**		<1.6	U	<1.6	U	<1.6	U
Methyl tert butyl ether	10	<1.8	U	<0.16	U	<2.8	U	<2.8	U	<2.8	U
Methylene chloride	5	<1.8	U	<0.44	U	<2.8	U	<2.8	U	<2.8	U
n-Butylbenzene	5	<1.8	U	**2.0**		<2.8	U	<2.8	U	<2.8	U
n-Propylbenzene	5	**4.5**	J	**4.2**		**3.5**	J	**4**	J	**3.8**	J
Naphthalene	10	**250**		**260**		**360**		**400**		**410**	
o-Xylene	5	**45**		--		**30**		**33**		**34**	
p-Isopropyltoluene	5	<1.8	U	--		<2.8	U	<2.8	U	<2.8	U
p/m-Xylene	5	**55**		--		**40**		**38**		**39**	
sec-Butylbenzene	5	<1.8	U	<0.75	U	<2.8	U	<2.8	U	<2.8	U
Styrene	5	<1.8	U	<0.73	U	<2.8	U	<2.8	U	<2.8	U
tert-Butylbenzene	5	<1.8	U	<0.81	U	<2.8	U	<2.8	U	<2.8	U
Tetrachloroethene	5	<0.45	U	<0.36	U	<0.72	U	<0.72	U	<0.72	U
Toluene	5	**11**		**10**		**7.6**	J	**9.6**	J	**9.9**	J
trans-1,2-Dichloroethene	5	<1.8	U	<0.9	U	<2.8	U	<2.8	U	<2.8	U
trans-1,3-Dichloropropene	0.4	<0.41	U	<0.37	U	<0.66	U	<0.66	U	<0.66	U
Trichloroethene	5	**0.62**	J	**0.71**		**0.98**	J	<0.7	UJ	**0.79**	J
Trichlorofluoromethane	5	<1.8	U	<0.88	U	<2.8	U	<2.8	U	<2.8	U
Vinyl chloride	2	<0.18	U	<0.9	U	<0.28	U	<0.28	U	<0.28	U
Total Xylenes	5	--		**79**		--		--		--	
Total VOCs	NA	**513.08**	-	**469.2**	-	**539.08**	-	**593.1**	-	**604.69**	-

Notes:

All values are displayed in micrograms per liter (µg/L) or parts per billion (ppb)

Conc - Concentration

J qualifer - indicate the concentration is considered estimated

NA - indicates no applicable regulatory standard

Q - Laboratory Qualifier

U qualifier and "<" symbol - indicate the analyte was not detected above the laboratory method detection limit (MDL) with the MDL shown.

BOLD BLACK values indicate the analyte was detected above the laboratory MDL.

BOLD RED values indicate the concentration was detected above the NYSDEC TOGS 1.1.1 Ambient Groundwater Quality Standards and Guidance Values

"--" indicates the analyte was not analyzed for

ND - not detected

Table 1 (Page 6 of 6)
VOC results in Groundwater
Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York
NYSDEC Site No. C828201

MONITORING WELL: RIBW-03

SAMPLE ID:	NYSDEC TOGS 1.1.1 Groundwater Quality Standards	RIBW-03-6.9.21		RIBW-03-121621		RIBW-03		RIBW-03-1282022	
COLLECTION DATE:		6/9/2021		12/16/2021		7/1/2022		12/8/2022	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q	Conc	Q	Conc	Q
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	<0.7	U	<0.82	U	<0.7	UJ	<0.7	UJ
1,1,2,2-Tetrachloroethane	5	<0.17	U	<0.21	U	<0.17	UJ	<0.17	UJ
1,1,2-Trichloroethane	1	<0.5	U	<0.23	U	<0.5	UJ	<0.5	UJ
1,1-Dichloroethane	5	<0.7	U	<0.38	U	<0.7	UJ	<0.7	UJ
1,1-Dichloroethene	5	<0.17	U	<0.29	U	<0.17	UJ	<0.17	UJ
1,2,4-Trichlorobenzene	5	<0.7	U	<0.41	U	<0.7	UJ	<0.7	UJ
1,2,4-Trimethylbenzene	5	<0.7	U	<0.75	U	<0.7	UJ	<0.7	UJ
1,2-Dibromo-3-chloropropane	0.04	<0.7	U	<0.39	U	<0.7	UJ	<0.7	UJ
1,2-Dibromoethane	0.0006	<0.65	U	<0.73	U	<0.65	UJ	<0.65	UJ
1,2-Dichlorobenzene	3	<0.7	U	<0.79	U	<0.7	UJ	<0.7	UJ
1,2-Dichloroethane	0.6	<0.13	U	<0.21	U	<0.13	UJ	<0.13	UJ
1,2-Dichloropropane	1	<0.14	U	<0.72	U	<0.14	UJ	<0.14	UJ
1,3,5-Trimethylbenzene	5	<0.7	U	<0.77	U	<0.7	UJ	<0.7	UJ
1,3-Dichlorobenzene	3	<0.7	U	<0.78	U	<0.7	UJ	<0.7	UJ
1,4-Dichlorobenzene	3	<0.7	U	<0.84	U	<0.7	UJ	<0.7	UJ
2-Butanone	50	<1.9	U	<1.3	U	<1.9	UJ	<1.9	UJ
2-Hexanone	50	<1	U	<1.2	U	<1	UJ	<1	UJ
4-Methyl-2-pentanone	NA	<1	U	<2.1	U	<1	UJ	<1	UJ
Acetone	50	<1.5	U	<3	U	**2**	J	<1.5	UJ
Benzene	1	<0.16	U	<0.41	U	<0.16	UJ	<0.16	UJ
Bromodichloromethane	50	<0.19	U	<0.39	U	<0.19	UJ	<0.19	UJ
Bromoform	50	<0.65	U	<0.26	U	<0.65	UJ	<0.65	UJ
Bromomethane	5	<0.7	U	<0.69	U	<0.7	UJ	<0.7	UJ
Carbon disulfide	60	<1	U	<0.19	U	<1	UJ	<1	UJ
Carbon tetrachloride	5	<0.13	U	<0.27	U	<0.13	UJ	<0.13	UJ
Chlorobenzene	5	<0.7	U	<0.75	U	<0.7	UJ	<0.7	UJ
Chloroethane	5	<0.7	U	<0.32	U	<0.7	UJ	<0.7	UJ
Chloroform	7	<0.7	U	<0.34	U	<0.7	UJ	<0.7	UJ
Chloromethane	5	<0.7	U	<0.35	U	<0.7	UJ	<0.7	UJ
cis-1,2-Dichloroethene	5	**14**		<0.81	U	**0.95**	J	**1.2**	J
cis-1,3-Dichloropropene	0.4	<0.14	U	<0.36	U	<0.14	UJ	<0.14	UJ
Cyclohexane	NA	<0.27	U	<0.18	U	<0.27	UJ	<0.27	UJ
Dibromochloromethane	50	<0.15	U	<0.32	U	<0.15	UJ	<0.15	UJ
Dichlorodifluoromethane	5	<1	U	<0.68	U	<1	UJ	<1	UJ
Ethylbenzene	5	<0.7	U	<0.74	U	<0.7	UJ	<0.7	UJ
Freon-113	5	<0.7	U	<0.31	U	<0.7	UJ	<0.7	UJ
Isopropylbenzene	5	<0.7	U	<0.79	U	<0.7	UJ	<0.7	UJ
Methyl Acetate	NA	<0.23	U	<1.3	U	<0.23	UJ	<0.23	UJ
Methyl cyclohexane	NA	<0.4	U	<0.16	U	<0.4	UJ	<0.4	UJ
Methyl tert butyl ether	10	<0.7	U	<0.16	U	<0.7	UJ	<0.7	UJ
Methylene chloride	5	<0.7	U	<0.44	U	<0.7	UJ	<0.7	UJ
n-Butylbenzene	5	<0.7	U	<0.64	U	<0.7	UJ	<0.7	UJ
n-Propylbenzene	5	<0.7	U	<0.69	U	<0.7	UJ	<0.7	UJ
Naphthalene	10	<0.7	U	<0.43	U	<0.7	UJ	<0.7	UJ
o-Xylene	5	<0.7	U	--		<0.7	UJ	<0.7	UJ
p-Isopropyltoluene	5	<0.7	U	--		<0.7	UJ	<0.7	UJ
p/m-Xylene	5	<0.7	U	--		<0.7	UJ	<0.7	UJ
sec-Butylbenzene	5	<0.7	U	<0.75	U	<0.7	UJ	<0.7	UJ
Styrene	5	<0.7	U	<0.73	U	<0.7	UJ	<0.7	UJ
tert-Butylbenzene	5	<0.7	U	<0.81	U	<0.7	UJ	<0.7	UJ
Tetrachloroethene	5	<0.18	U	<0.36	U	<0.18	UJ	<0.18	UJ
Toluene	5	<0.7	U	<0.51	U	<0.7	UJ	<0.7	UJ
trans-1,2-Dichloroethene	5	<0.7	U	<0.9	U	<0.7	UJ	<0.7	UJ
trans-1,3-Dichloropropene	0.4	<0.16	U	<0.37	U	<0.16	UJ	<0.16	UJ
Trichloroethene	5	**0.32**	J	<0.46	U	<0.18	UJ	<0.18	UJ
Trichlorofluoromethane	5	<0.7	U	<0.88	U	<0.7	UJ	<0.7	UJ
Vinyl chloride	2	**1.7**		<0.9	U	**0.57**	J	**1.2**	
Total Xylenes	5	--		<0.66	U	--		--	
Total VOCs	NA	**16.02**	-	ND		**3.52**	-	**2.4**	-

Notes:

All values are displayed in micrograms per liter (µg/L) or parts per billion (ppb)

Conc - Concentration

J qualifer - indicate the concentration is considered estimated

NA - indicates no applicable regulatory standard

Q - Laboratory Qualifier

U qualifier and "<" symbol - indicate the analyte was not detected above the laboratory method detection limit (MDL) with the MDL shown.

BOLD BLACK values indicate the analyte was detected above the laboratory MDL.

BOLD RED values indicate the concentration was detected above the NYSDEC TOGS 1.1.1 Ambient Groundwater Quality Standards and Guidance Values

"--" indicates the analyte was not analyzed for

ND - not detected

Table 2 (Page 1 of 2)
SVOC results in Groundwater
Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York
NYSDEC Site No. C828201

MONITORING WELL: RIBW-01R

SAMPLE ID:	NYSDEC TOGS 1.1.1 Groundwater Quality Standards	RIBW-01R-6.8.21		DUP-6.8.21 (RIBW-01R-6.8.21)		RIBW-01R-121721		DUPE-121721 (RIBW-01R-121721)		RIBW-01R		DUPE-20220628 (RIBW-01R)		RIBW-01R-1272022	
COLLECTION DATE:		6/8/2021		6/8/2021		12/17/2021		12/17/2021		6/28/2022		6/28/2022		12/7/2022	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Semivolatile Organic Compounds															
1,2,4,5-Tetrachlorobenzene	5	<0.44	U	<0.44	U	<0.44	U	<0.44	U	<0.44	U	<0.44	U	<0.44	U
2,3,4,6-Tetrachlorophenol	NA	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	UJ	<0.84	UJ	<0.84	U
2,4,5-Trichlorophenol	NA	<0.77	U	<0.77	U	<0.77	U	<0.77	U	<0.77	U	<0.77	U	<0.77	U
2,4,6-Trichlorophenol	NA	<0.61	U	<0.61	U	<0.61	U	<0.61	U	<0.61	U	<0.61	U	<0.61	U
2,4-Dichlorophenol	1	<0.41	U	<0.41	U	<0.41	U	<0.41	U	<0.41	U	<0.41	U	<0.41	U
2,4-Dimethylphenol	50	<1.8	U	<1.8	U	<1.8	U	<1.8	U	**8.1**		**8.2**		**3.2**	J
2,4-Dinitrophenol	10	<6.6	U	<6.6	U	<6.6	U	<6.6	U	<6.6	UJ	<6.6	UJ	<6.6	U
2,4-Dinitrotoluene	5	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	UJ	<1.2	UJ	<1.2	U
2,6-Dinitrotoluene	5	<0.93	U	<0.93	U	<0.93	U	<0.93	U	<0.93	UJ	<0.93	UJ	<0.93	UJ
2-Chlorophenol	NA	<0.48	U	<0.48	U	<0.48	U	<0.48	U	<0.48	U	<0.48	U	<0.48	U
2-Methylphenol	NA	<0.49	U	<0.49	U	<0.49	U	<0.49	U	**2.8**	J	**3.1**	J	**0.7**	J
2-Nitroaniline	5	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U
2-Nitrophenol	NA	<0.85	U	<0.85	U	<0.85	U	<0.85	U	<0.85	UJ	<0.85	UJ	<0.85	U
3,3'-Dichlorobenzidine	5	<1.6	U	<1.6	U	<1.6	U	<1.6	U	<1.6	UJ	<1.6	U	<1.6	UJ
3-Methylphenol/4-Methylphenol	NA	<0.48	U	<0.48	U	<0.48	U	<0.48	U	<0.48	U	<0.48	U	<0.48	U
3-Nitroaniline	5	<0.81	U	<0.81	U	<0.81	U	<0.81	U	<0.81	U	<0.81	U	<0.81	U
4,6-Dinitro-o-cresol	NA	<1.8	U	<1.8	U	<1.8	U	<1.8	U	<1.8	UJ	<1.8	UJ	<1.8	UJ
4-Bromophenyl phenyl ether	NA	<0.38	U	<0.38	U	<0.38	U	<0.38	U	<0.38	U	<0.38	U	<0.38	U
4-Chloroaniline	5	<1.1	U	<1.1	U	<1.1	U	<1.1	U	<1.1	U	<1.1	U	<1.1	U
4-Chlorophenyl phenyl ether	NA	<0.49	U	<0.49	U	<0.49	U	<0.49	U	<0.49	U	<0.49	U	<0.49	U
4-Nitroaniline	5	<0.8	U	<0.8	U	<0.8	U	<0.8	U	<0.8	U	<0.8	U	<0.8	UJ
4-Nitrophenol	NA	<0.67	U	<0.67	U	<0.67	U	<0.67	U	<0.67	U	<0.67	U	<0.67	U
Acetophenone	NA	<0.53	U	<0.53	U	<0.53	U	<0.53	U	<0.53	U	<0.53	U	<0.53	U
Atrazine	7.5	<0.76	U	<0.76	U	<0.76	U	<0.76	U	<0.76	U	<0.76	U	<0.76	U
Benzaldehyde	NA	<0.53	U	<0.53	U	<0.53	U	<0.53	U	<0.53	U	<0.53	U	<0.53	U
Biphenyl	NA	**1.8**	J	**1.7**	J	<0.46	U	<0.46	U	**9.7**		**9.3**		**8**	
Bis(2-chloroethoxy)methane	5	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U
Bis(2-chloroethyl)ether	1	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	UJ	<0.5	UJ	<0.5	U
Bis(2-chloroisopropyl)ether	5	<0.53	U	<0.53	U	<0.53	U	<0.53	U	<0.53	U	<0.53	U	<0.53	U
Bis(2-ethylhexyl)phthalate	5	<1.5	U	<1.5	U	<1.5	U	<1.5	U	<3.0	U	<1.5	U	<1.5	U
Butyl benzyl phthalate	50	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U
Caprolactam	NA	<3.3	U	<3.3	U	<3.3	U	<3.3	U	<3.3	UJ	<3.3	UJ	<3.3	UJ
Carbazole	NA	**4.0**		**3.3**		**4.6**		**5.2**		**16**	J	**15**		**16**	
Di-n-butylphthalate	50	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U
Di-n-octylphthalate	50	<1.3	U	<1.3	U	<1.3	U	<1.3	U	<1.3	U	<1.3	U	<1.3	U
Dibenzofuran	NA	**20**		**18**		**11**		**12**		**76**	J	**73**		**53**	
Diethyl phthalate	50	<0.38	U	<0.38	U	<0.38	U	<0.38	U	<0.38	U	<0.38	U	<0.38	U
Dimethyl phthalate	50	<1.8	U	<1.8	U	<1.8	U	<1.8	U	<1.8	U	<1.8	U	<1.8	U
Hexachlorocyclopentadiene	5	<0.69	U	<0.69	U	<0.69	U	<0.69	U	<0.69	U	<0.69	U	<0.69	U
Isophorone	50	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U
n-Nitrosodi-n-propylamine	NA	<0.64	U	<0.64	U	<0.64	U	<0.64	U	<0.64	UJ	<0.64	UJ	<0.64	U
NDPA/DPA	50	<0.42	U	<0.42	U	<0.42	U	<0.42	U	<0.42	U	<0.42	U	<0.42	U
Nitrobenzene	0.4	<0.77	U	<0.77	U	<0.77	U	<0.77	U	<0.77	U	<0.77	U	<0.77	U
p-Chloro-m-cresol	NA	<0.35	U	<0.35	U	<0.35	U	<0.35	U	<0.35	U	<0.35	U	<0.35	U
Phenol	1	<0.57	U	<0.57	U	<0.57	U	<0.57	U	<0.57	U	<0.57	U	<0.57	U
2-Chloronaphthalene	10	<0.02	U	**0.3**		<0.02	U	<0.02	U	<0.09	U	<0.02	U	<0.02	U
2-Methylnaphthalene	NA	**0.03**	J	**0.2**		<0.02	U	<0.02	U	**0.64**		**0.58**		**0.07**	J
Acenaphthene	20	**32**		**29**		**20**		**21**		**110**	J	**93**	D	**71**	J
Acenaphthylene	NA	**1.9**		**1.9**		**1.4**		**1.4**		**7.9**		**6.9**		**8.3**	J
Anthracene	50	**1.8**		**2.8**		**6**		**2.4**		**4.9**		**4.2**		**4**	J
Benzo(a)anthracene	0.002	**0.11**		**0.56**		**0.66**		**0.23**		<0.50	U	**0.15**		<0.24	U
Benzo(a)pyrene	0	<0.02	U	**0.13**		**0.03**	J	**0.07**	J	<0.08	U	<0.02	U	<0.02	U
Benzo(b)fluoranthene	0.002	<0.01	U	**0.34**		**0.07**	J	**0.11**		<0.06	U	**0.02**	J	<0.01	U
Benzo(ghi)perylene	NA	<0.01	U	**0.09**	J	<0.01	U	**0.12**		<0.07	U	<0.01	U	<0.01	U
Benzo(k)fluoranthene	0.002	<0.01	U	**0.21**		**0.02**	J	**0.1**		<0.04	U	**0.01**	J	<0.01	U
Chrysene	0.002	**0.05**	J	**0.26**		**0.34**		**0.17**		**0.1**	J	**0.08**	J	<0.10	U
Dibenzo(a,h)anthracene	NA	<0.01	U	**0.11**		<0.01	U	**0.12**		<0.06	U	<0.01	U	<0.01	U
Fluoranthene	50	**3.8**		**4.7**		**7.5**		**3.7**		**8.1**	J	**6.6**		**5**	J
Fluorene	50	**25**		**23**		**23**		**18**		**93**		**77**	D	**60**	J
Hexachlorobenzene	0.04	<0.01	U	**1.1**		<0.01	U	<0.01	U	<0.05	U	<0.01	U	<0.01	U
Hexachlorobutadiene	0.5	<0.05	U	0.07	J	<0.05	U	<0.05	U	<0.23	U	<0.05	U	<0.05	U
Hexachloroethane	5	<0.06	U	<0.06	U	<0.06	U	<0.06	U	<0.32	U	<0.06	U	<0.06	U
Indeno(1,2,3-cd)pyrene	0.002	<0.01	U	**0.15**		<0.01	U	**0.12**		<0.06	U	<0.01	U	<0.01	U
Naphthalene	10	**1.7**		**1.8**		**1.8**		**2.0**		**72**	J	**67**		**6.7**	J
Pentachlorophenol	1	<0.01	U	**0.32**	J	<0.01	U	<0.01	U	<0.07	UJ	<0.01	UJ	<0.01	J
Phenanthrene	50	**10**		**9.5**		**4.8**		**3.8**		**35**		**32**		**34**	J
Pyrene	50	**2.2**		**3.1**		**6.0**		**2.5**		**4.6**		**3.8**		**3**	J
Total SVOCs	NA	**104.39**	-	**102.64**	-	**87.22**	-	**73.04**	-	**448.84**	-	**399.94**	-	**273.28**	-

Notes:

All values are displayed in micrograms per liter (µg/L) or parts per billion (ppb)

Conc - Concentration

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NA - indicates no applicable regulatory standard

Q - Laboratory Qualifier

U qualifier and "<" symbol - indicate the analyte was not detected above the laboratory method detection limit (MDL) with the MDL shown.

BOLD BLACK values indicate the analyte was detected above the laboratory MDL.

BOLD RED values indicate the concentration was detected above the NYSDEC TOGS 1.1.1 Ambient Groundwater Quality Standards and Guidance Values

"–" indicates the analyte was not analyzed for

ND - not detected

D - indicates concentration of analyte was quantified from diluted analysis

Table 2 (Page 2 of 2)
SVOC results in Groundwater
Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York
NYSDEC Site No. C828201

MONITORING WELL: RIBW-02R

SAMPLE ID:	NYSDEC TOGS 1.1.1 Groundwater Quality Standards	RIBW-02-6.9.21		RIBW-02-121721		RIBW-02		RIBW-02-1272022		DUPLICATE-1272022 (RIBW-02-1272022)	
COLLECTION DATE:		6/8/2021		12/17/2021		6/29/2022		12/7/2022		12/7/2022	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Semivolatile Organic Compounds											
1,2,4,5-Tetrachlorobenzene	5	<0.44	U	<0.44	U	<0.44	U	<0.44	U	<0.44	U
2,3,4,6-Tetrachlorophenol	NA	<0.84	U	<0.84	U	<0.84	U	<0.84	U	<0.84	U
2,4,5-Trichlorophenol	NA	<0.77	U	<0.77	U	<0.77	UJ	<0.77	U	<0.77	U
2,4,6-Trichlorophenol	NA	<0.61	U	<0.61	U	<0.61	UJ	<0.61	U	<0.61	U
2,4-Dichlorophenol	1	<0.41	U	<0.41	U	<0.41	U	<0.41	U	<0.41	U
2,4-Dimethylphenol	50	**2**	J	<1.8	U	<1.8	U	<1.8	UJ	<1.8	UJ
2,4-Dinitrophenol	10	<6.6	U	<6.6	U	<6.6	U	<6.6	U	<6.6	U
2,4-Dinitrotoluene	5	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U
2,6-Dinitrotoluene	5	<0.93	U	<0.93	U	<0.93	UJ	<0.93	UJ	<0.93	UJ
2-Chlorophenol	NA	<0.48	U	<0.48	U	<0.48	U	<0.48	U	<0.48	U
2-Methylphenol	NA	**0.92**	J	<0.49	U	**0.53**	J	**0.59**	J	**0.65**	J
2-Nitroaniline	5	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U
2-Nitrophenol	NA	<0.85	U	<0.85	U	<0.85	U	<0.85	U	<0.85	U
3,3'-Dichlorobenzidine	5	<1.6	U	<1.6	U	<1.6	U	<1.6	UJ	<1.6	UJ
3-Methylphenol/4-Methylphenol	NA	<0.48	U	<0.48	U	<0.48	U	<0.48	U	<0.48	U
3-Nitroaniline	5	<0.81	U	<0.81	U	<0.81	U	<0.81	U	<0.81	U
4,6-Dinitro-o-cresol	NA	<1.8	U	<1.8	U	<1.8	U	<1.8	UJ	<1.8	UJ
4-Bromophenyl phenyl ether	NA	<0.38	U	<0.38	U	<0.38	U	<0.38	U	<0.38	U
4-Chloroaniline	5	<1.1	U	<1.1	U	<1.1	U	<1.1	U	<1.1	U
4-Chlorophenyl phenyl ether	NA	<0.49	U	<0.49	U	<0.49	U	<0.49	U	<0.49	U
4-Nitroaniline	5	<0.8	U	<0.8	U	<0.8	U	<0.8	UJ	<0.8	UJ
4-Nitrophenol	NA	<0.67	U	<0.67	U	<0.67	U	<0.67	U	<0.67	U
Acetophenone	NA	<0.53	U	<0.53	U	<0.53	U	<0.53	U	**1.5**	J
Atrazine	7.5	<0.76	U	<0.76	U	<0.76	U	<0.76	U	<0.76	U
Benzaldehyde	NA	<0.53	U	<0.53	U	<0.53	U	<0.53	U	<0.53	U
Biphenyl	NA	**57**		**66**		**43**		**50**		**56**	
Bis(2-chloroethoxy)methane	5	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U
Bis(2-chloroethyl)ether	1	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U
Bis(2-chloroisopropyl)ether	5	<0.53	U	<0.53	U	<0.53	U	<0.53	U	<0.53	U
Bis(2-ethylhexyl)phthalate	5	<1.5	U	<1.5	U	<1.5	U	<1.5	U	<1.5	U
Butyl benzyl phthalate	50	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U
Caprolactam	NA	<3.3	U	<3.3	U	<3.3	UJ	<3.3	UJ	<3.3	UJ
Carbazole	NA	**46**		**81**		**40**		**43**		**47**	
Di-n-butylphthalate	50	<0.39	U	<0.39	U	<0.39	U	<0.39	U	<0.39	U
Di-n-octylphthalate	50	<1.3	U	<1.3	U	<1.3	U	<1.3	U	<1.3	U
Dibenzofuran	NA	**110**		**150**		**83**		**92**	J	**99**	
Diethyl phthalate	50	<0.38	U	<0.38	U	<0.38	U	<0.38	U	<0.38	U
Dimethyl phthalate	50	<1.8	U	<1.8	U	<1.8	U	<1.8	U	<1.8	U
Hexachlorocyclopentadiene	5	<0.69	U	<0.69	U	<0.69	U	<0.69	U	<0.69	U
Isophorone	50	<1.2	U	<1.2	U	<1.2	U	<1.2	U	<1.2	U
n-Nitrosodi-n-propylamine	NA	<0.64	U	<0.64	U	<0.64	U	<0.64	U	<0.64	U
NDPA/DPA	50	<0.42	U	<0.42	U	<0.42	U	<0.42	U	<0.42	U
Nitrobenzene	0.4	<0.77	U	<0.77	U	<0.77	U	<0.77	U	<0.77	U
p-Chloro-m-cresol	NA	<0.35	U	<0.35	U	<0.35	U	<0.35	U	<0.35	U
Phenol	1	<0.57	U	<0.57	U	<0.57	U	<0.57	U	<0.57	U
2-Chloronaphthalene	10	<0.02	U	<0.09	U	<0.02	U	<0.02	U	<0.02	U
2-Methylnaphthalene	NA	**0.88**		**1.3**		**1.9**		**5.8**		**6.1**	J
Acenaphthene	20	**140**		**220**		**120**	D	**250**	DJ	**240**	DJ
Acenaphthylene	NA	**8.9**		**8.3**		**4**		**10**	J	**11**	J
Anthracene	50	**4.9**		**36**		**5.4**		**3.1**	J	**3.4**	J
Benzo(a)anthracene	0.002	**0.49**		**5.6**		**0.82**		<0.25	U	<0.40	U
Benzo(a)pyrene	0	**0.19**		**2.5**		**0.37**		**0.07**	J	**0.08**	J
Benzo(b)fluoranthene	0.002	**0.21**		**2.7**		**0.47**		**0.08**	J	**0.09**	J
Benzo(ghi)perylene	NA	**0.06**	J	**0.94**		0.13		<0.01	U	<0.01	U
Benzo(k)fluoranthene	0.002	**0.1**		**0.98**		**0.19**		**0.04**	J	**0.03**	J
Chrysene	0.002	**0.33**		**3.9**		**0.62**		**0.15**	J	<0.15	U
Dibenzo(a,h)anthracene	NA	**0.02**	J	**0.28**	J	**0.04**	J	<0.01	U	<0.01	U
Fluoranthene	50	**5.5**		**41**		**6.8**		**4.2**	J	**4.7**	J
Fluorene	50	**93**		**220**		**76**	D	**140**	D	**140**	DJ
Hexachlorobenzene	0.04	<0.01	U	<0.05	U	<0.01	U	<0.01	U	<0.01	U
Hexachlorobutadiene	0.5	<0.05	U	<0.23	U	<0.05	U	<0.05	U	<0.05	U
Hexachloroethane	5	<0.06	U	<0.32	U	<0.06	U	<0.06	U	<0.06	U
Indeno(1,2,3-cd)pyrene	0.002	**0.07**	J	**1.2**		**0.17**		<0.01	U	<0.01	U
Naphthalene	10	**96**		**130**		**160**	D	**260**	DJ	**240**	DJ
Pentachlorophenol	1	<0.01	U	<0.07	U	<0.01	U	<0.01	UJ	<0.01	UJ
Phenanthrene	50	**65**		**170**		**55**		**58**	J	**65**	J
Pyrene	50	**3.3**		**28**		**4.4**		**2.5**	J	**2.8**	J
Total SVOCs	NA	**685.87**	-	**1169.7**	-	**602.71**	-	**919.53**	-	**917.35**	-

Notes:

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BOLD BLACK values indicate the analyte was detected above the laboratory MDL.

BOLD RED values indicate the concentration was detected above the NYSDEC TOGS 1.1.1 Ambient Groundwater Quality Standards and Guidance Values

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ND - not detected

D - indicates concentration of analyte was quantified from diluted analysis

Table 3 (Page 1 of 5)
PFAS results in Groundwater
Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York
NYSDEC Site No. C828201

MONITORING WELL: MW-06R

SAMPLE ID:	NYSDEC TOGS 1.1.1 Groundwater Quality Standards	MW-06R-6.7.21		MW-06R-121621		MW-06R		MW-06R-1272022	
COLLECTION DATE:		6/7/2021		12/16/2021		6/28/2022		12/7/2022	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q	Conc	Q	Conc	Q
PFAS									
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NA	<1.2	U	<1.16	U	<1.13	U	<1.19	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NA	<1.32	U	<1.27	U	<1.24	U	<1.31	UJ
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	<0.799	U	<0.767	U	<0.75	UJ	<0.789	UJ
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	<0.644	U	<0.618	U	<0.604	UJ	<0.636	UJ
Perfluorobutanesulfonic Acid (PFBS)	NA	<0.236	U	<0.227	U	<0.222	U	<0.233	U
Perfluorobutanoic Acid (PFBA)	NA	**21.8**		**30.3**		**24**		**66**	
Perfluorodecanesulfonic Acid (PFDS)	NA	<0.974	U	<0.935	U	<0.914	U	<0.961	U
Perfluorodecanoic Acid (PFDA)	NA	<0.302	U	<0.29	U	<0.284	U	<0.298	U
Perfluorododecanoic Acid (PFDoA)	NA	<0.37	U	<0.355	U	<0.347	UJ	<0.365	U
Perfluoroheptanesulfonic Acid (PFHpS)	NA	<0.684	U	<0.656	U	<0.642	U	<0.675	U
Perfluoroheptanoic Acid (PFHpA)	NA	**0.568**	J	**1.01**	J	**1.14**	J	**0.373**	J
Perfluorohexanesulfonic Acid (PFHxS)	NA	<0.374	U	<0.359	U	<0.351	U	<0.369	U
Perfluorohexanoic Acid (PFHxA)	NA	**13.6**		**14.5**		**14.9**		**5.08**	
Perfluorononanoic Acid (PFNA)	NA	<0.31	U	<0.298	U	<0.291	U	<0.306	U
Perfluorooctanesulfonamide (FOSA)	NA	<0.576	U	<0.553	U	<0.541	UJ	<0.569	UJ
Perfluorooctanesulfonic Acid (PFOS)	2.7	<0.501	U	<0.481	U	<0.47	U	<0.494	U
Perfluorooctanoic Acid (PFOA)	6.7	<0.234	U	<0.225	U	**0.276**	J	<0.232	U
Perfluoropentanoic Acid (PFPeA)	NA	**20.9**		**21.1**		**25.1**		**9.12**	
Perfluorotetradecanoic Acid (PFTA)	NA	<0.246	U	<0.236	U	<0.231	U	<0.243	U
Perfluorotridecanoic Acid (PFTrDA)	NA	**0.676**	J	<0.312	U	<0.305	UJ	<0.321	U
Perfluoroundecanoic Acid (PFUnA)	NA	<0.258	U	<0.248	U	<0.242	UJ	<0.255	U
PFOA/PFOS, Total	NA	<0.234	U	<0.225	U	**0.276**	J	<0.232	U
Total PFAS	NA	**57.544**	-	**66.91**	-	**65.416**	-	**80.573**	-

Notes:

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Conc - Concentration

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NA - indicates no applicable regulatory standard

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U qualifier and "<" symbol - indicate the analyte was not detected above the laboratory method detection limit (MDL) with the MDL shown.

BOLD BLACK values indicate the analyte was detected above the laboratory MDL.

BOLD RED values indicate the concentration was detected above the NYSDEC TOGS 1.1.1 Ambient Groundwater Quality Standards and Guidance Values

"–" indicates the analyte was not analyzed for

ND - not detected

Table 3 (Page 2 of 5)
PFAS results in Groundwater
Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York
NYSDEC Site No. C828201

MONITORING WELL: MW-08R

SAMPLE ID:	NYSDEC TOGS 1.1.1 Groundwater Quality Standards	MW-08R-6.8.21		MW-08R-121621		MW-08R		MW-08R-1282022	
COLLECTION DATE:		6/8/2021		12/16/2021		7/1/2022		12/8/2022	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q	Conc	Q	Conc	Q
PFAS									
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NA	<1.24	U	<1.14	U	<1.1	UJ	<2.54	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NA	**2.46**		**1.52**	J	**2.14**	J	<2.79	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	<0.824	U	<0.758	U	<0.73	UJ	<1.68	UJ
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	<0.664	U	<0.611	U	<0.589	U	<1.36	UJ
Perfluorobutanesulfonic Acid (PFBS)	NA	**1.57**	J	**2.99**		**7.98**	F	**2.17**	JF
Perfluorobutanoic Acid (PFBA)	NA	**22.1**		**13.9**		**20.1**		**41.8**	
Perfluorodecanesulfonic Acid (PFDS)	NA	<1	U	<0.924	U	<0.89	U	<2.06	U
Perfluorodecanoic Acid (PFDA)	NA	**0.68**	J	<0.287	U	**0.443**	J	<0.637	U
Perfluorododecanoic Acid (PFDoA)	NA	<0.381	U	<0.351	U	<0.338	U	<0.78	U
Perfluoroheptanesulfonic Acid (PFHpS)	NA	<0.705	U	<0.649	U	<0.625	U	<1.44	U
Perfluoroheptanoic Acid (PFHpA)	NA	**11.5**		**3.98**		**2.62**		**2.74**	J
Perfluorohexanesulfonic Acid (PFHxS)	NA	<0.385	U	<0.355	U	<0.342	U	<0.788	U
Perfluorohexanoic Acid (PFHxA)	NA	**21.5**		**9.01**		**8.08**		**22.7**	
Perfluorononanoic Acid (PFNA)	NA	**0.848**	J	**0.449**	J	**1.09**	J	**0.704**	J
Perfluorooctanesulfonamide (FOSA)	NA	<0.594	U	<0.547	U	<0.527	U	<1.22	UJ
Perfluorooctanesulfonic Acid (PFOS)	2.7	**0.758**	J	**1.03**	J	**2.89**	F	**1.9**	J
Perfluorooctanoic Acid (PFOA)	6.7	**15.4**		**3.1**		**2.69**		**2.03**	J
Perfluoropentanoic Acid (PFPeA)	NA	**49.2**		**12.2**		**7.8**		**66.2**	
Perfluorotetradecanoic Acid (PFTA)	NA	<0.254	U	<0.234	U	<0.225	U	<0.52	U
Perfluorotridecanoic Acid (PFTrDA)	NA	<0.335	U	<0.309	U	<0.297	U	<0.686	UJ
Perfluoroundecanoic Acid (PFUnA)	NA	<0.266	U	<0.245	U	<0.236	U	<0.545	U
PFOA/PFOS, Total	NA	**16.2**	J	**4.13**	J	**5.58**		**3.93**	J
Total PFAS	NA	**126.016**	-	**48.179**	-	**55.833**	-	**140.244**	-

Notes:

All values are displayed in nanograms per liter (ng/L) or parts per trillion (ppt)

Conc - Concentration

J qualifer - indicate the concentration is considered estimated

F qualifier - indicates the concentration is considered estimated maximum

NA - indicates no applicable regulatory standard

Q - Laboratory Qualifier

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ND - not detected

Table 3 (Page 3 of 5)
PFAS results in Groundwater
Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York
NYSDEC Site No. C828201

MONITORING WELL: RIBW–01R

SAMPLE ID:	NYSDEC TOGS 1.1.1 Groundwater Quality Standards	RIBW-01R-6.8.21		DUP-6.8.21 (RIBW-01R-6.8.22)		RIBW-01R-121621		RIBW-01R		DUPE-20220628 (RIBW-01R)		RIBW-01R-1272022	
COLLECTION DATE:		6/8/2021		6/8/2021		12/16/2021		6/28/2022		6/28/2022		12/7/2022	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
PFAS													
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NA	<1.12	U	<1.08	U	<1.22	U	<1.13	U	<1.15	U	<1.2	UJ
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NA	<1.24	U	<1.19	U	<1.34	U	<1.24	U	<1.27	U	<1.32	UJ
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	**1.69**	J	<0.72	U	<0.806	U	<0.749	UJ	<0.764	UJ	<0.795	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	**1.5**	J	<0.58	U	<0.65	U	<0.604	UJ	<0.616	UJ	<0.64	U
Perfluorobutanesulfonic Acid (PFBS)	NA	<0.221	U	<0.213	U	<0.238	U	<0.222	U	**0.639**	J	**0.917**	J
Perfluorobutanoic Acid (PFBA)	NA	**19.8**		**20**		**6.75**		**17.8**		**17.7**		**17.3**	
Perfluorodecanesulfonic Acid (PFDS)	NA	<0.91	U	<0.878	U	<0.982	U	<0.913	U	<0.932	U	<0.969	U
Perfluorodecanoic Acid (PFDA)	NA	<0.282	U	<0.272	U	<0.305	U	<0.283	U	<0.289	U	<0.3	U
Perfluorododecanoic Acid (PFDoA)	NA	<0.345	U	<0.333	U	<0.373	U	<0.347	UJ	<0.354	UJ	<0.368	U
Perfluoroheptanesulfonic Acid (PFHpS)	NA	<0.639	U	<0.616	U	<0.69	U	<0.641	U	<0.654	U	<0.68	U
Perfluoroheptanoic Acid (PFHpA)	NA	**0.557**	J	**0.552**	J	**0.281**	J	**0.317**	J	**0.399**	J	**0.538**	J
Perfluorohexanesulfonic Acid (PFHxS)	NA	**0.386**	J	<0.337	U	<0.377	U	<0.35	U	<0.357	U	<0.372	U
Perfluorohexanoic Acid (PFHxA)	NA	**2.9**		**2.97**		**0.978**	J	**2.31**	J	**1.95**		**1.77**	J
Perfluorononanoic Acid (PFNA)	NA	<0.29	U	<0.279	U	<0.313	U	<0.291	U	<0.297	U	<0.308	U
Perfluorooctanesulfonamide (FOSA)	NA	<0.539	U	<0.519	U	<0.581	U	<0.54	UJ	<0.551	UJ	<0.573	UJ
Perfluorooctanesulfonic Acid (PFOS)	2.7	<0.468	U	<0.451	U	<0.505	U	<0.47	U	<0.479	U	<0.498	U
Perfluorooctanoic Acid (PFOA)	6.7	**0.293**	J	**0.297**	J	**0.245**	J	<0.22	U	**0.403**	J	**0.589**	JF
Perfluoropentanoic Acid (PFPeA)	NA	**5.62**		**5.13**		**2.39**		**6.49**		**6.02**		**3.96**	
Perfluorotetradecanoic Acid (PFTA)	NA	**0.479**	J	<0.222	U	<0.249	U	<0.231	U	<0.236	U	<0.245	U
Perfluorotridecanoic Acid (PFTrDA)	NA	**0.468**	J	**0.355**	J	<0.328	U	<0.305	UJ	<0.311	UJ	<0.323	U
Perfluoroundecanoic Acid (PFUnA)	NA	<0.241	U	<0.233	U	<0.261	U	<0.242	UJ	<0.247	UJ	<0.257	U
PFOA/PFOS, Total	NA	**0.293**	J	**0.297**	J	**0.245**	J	<0.22	U	**0.403**	J	**0.589**	J
Total PFAS	NA	**33.693**	-	**29.601**	-	**10.644**	-	**26.917**	-	**27.111**	-	**25.074**	-

Notes:

All values are displayed in nanograms per liter (ng/L) or parts per trillion (ppt)

Conc - Concentration

J qualifer - indicate the concentration is considered estimated

F qualifier - indicates the concentration is considered estimated maximum

NA - indicates no applicable regulatory standard

Q - Laboratory Qualifier

U qualifier and "<" symbol - indicate the analyte was not detected above the laboratory method detection limit (MDL) with the MDL shown.

BOLD BLACK values indicate the analyte was detected above the laboratory MDL.

BOLD RED values indicate the concentration was detected above the NYSDEC TOGS 1.1.1 Ambient Groundwater Quality Standards and Guidance Values

"–" indicates the analyte was not analyzed for

ND - not detected

Table 3 (Page 4 of 5)
PFAS results in Groundwater
Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York
NYSDEC Site No. C828201

MONITORING WELL: RIBW-02

SAMPLE ID:	NYSDEC TOGS 1.1.1 Groundwater Quality Standards	RIBW-02-6.7.21		RIBW-02-121621		DUPE-121621 (RIBW-02-121621)		RIBW-02		RIBW-02-1272022		DUPE-1272022 (RIBW-02-1272022)	
COLLECTION DATE:		6/7/2021		12/16/2021		12/16/2021		6/29/2022		12/7/2022		12/7/2022	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
PFAS													
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NA	<1.12	U	<1.07	U	<1.04	U	<1.13	U	<1.19	U	<1.2	UJ
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NA	<1.23	U	<1.17	U	<1.15	U	<1.24	U	<1.31	U	<1.31	UJ
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	<0.745	U	<0.709	U	<0.692	U	<0.748	UJ	<0.792	U	<0.793	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	<0.6	U	<0.571	U	<0.558	U	<0.603	UJ	<0.638	U	<0.639	U
Perfluorobutanesulfonic Acid (PFBS)	NA	**2.43**		**2.34**		**2.66**		**1.78**	J	**2.63**		**3.14**	
Perfluorobutanoic Acid (PFBA)	NA	**10.1**		**8.59**		**9.0**		**10.5**		**8.11**		**8.77**	
Perfluorodecanesulfonic Acid (PFDS)	NA	<0.908	U	<0.864	U	<0.844	U	<0.912	U	<0.966	U	<0.967	U
Perfluorodecanoic Acid (PFDA)	NA	**0.756**	J	**1.16**	J	**0.885**	J	<0.283	U	<0.3	U	<0.3	U
Perfluorododecanoic Acid (PFDoA)	NA	<0.345	U	**0.398**	J	<0.32	U	<0.346	UJ	<0.366	U	<0.367	U
Perfluoroheptanesulfonic Acid (PFHpS)	NA	<0.637	U	<0.606	U	<0.592	U	<0.64	U	<0.678	U	<0.679	U
Perfluoroheptanoic Acid (PFHpA)	NA	**0.756**	J	**0.987**	J	**0.765**	J	**0.819**	J	**1.18**	J	**1.17**	J
Perfluorohexanesulfonic Acid (PFHxS)	NA	<0.348	U	<0.331	U	<0.324	U	<0.35	U	**0.457**	JF	<0.371	U
Perfluorohexanoic Acid (PFHxA)	NA	**1.67**	J	**1.44**	J	**1.42**	J	**1.05**	J	**1.51**	J	**1.47**	J
Perfluorononanoic Acid (PFNA)	NA	**0.337**	J	**0.557**	J	**0.558**	J	<0.29	U	<0.307	U	<0.308	U
Perfluorooctanesulfonamide (FOSA)	NA	<0.537	U	<0.511	U	<0.5	U	<0.54	UJ	<0.572	U	<0.572	UJ
Perfluorooctanesulfonic Acid (PFOS)	2.7	**0.667**	J	**1.45**	J	**1.54**	J	<0.469	U	**0.753**	JF	**0.975**	JF
Perfluorooctanoic Acid (PFOA)	6.7	**1.18**	J	**1.63**	J	**1.92**		**0.689**	J	**1.22**	J	**1.23**	J
Perfluoropentanoic Acid (PFPeA)	NA	**2.1**		**3.03**		**3.25**		**1.66**	J	**1.73**	J	**1.85**	J
Perfluorotetradecanoic Acid (PFTA)	NA	<0.23	U	<0.219	U	<0.214	U	<0.231	UJ	<0.244	U	<0.245	U
Perfluorotridecanoic Acid (PFTrDA)	NA	<0.303	U	<0.288	U	<0.282	U	<0.304	U	<0.322	U	<0.323	U
Perfluoroundecanoic Acid (PFUnA)	NA	<0.241	U	**0.25**	J	**0.272**	J	<0.242	U	<0.256	U	<0.256	U
PFOA/PFOS, Total	NA	**1.85**	J	**3.08**	J	**3.46**	J	**0.689**	J	**1.97**	J	**2.21**	J
Total PFAS	NA	**19.996**	-	**21.832**	-	**13.27**	-	**16.498**	-	**17.59**	-	**18.605**	-

Notes:

All values are displayed in nanograms per liter (ng/L) or parts per trillion (ppt)

Conc - Concentration

J qualifer - indicate the concentration is considered estimated

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NA - indicates no applicable regulatory standard

Q - Laboratory Qualifier

U qualifier and "<" symbol - indicate the analyte was not detected above the laboratory method detection limit (MDL) with the MDL shown.

BOLD BLACK values indicate the analyte was detected above the laboratory MDL.

BOLD RED values indicate the concentration was detected above the NYSDEC TOGS 1.1.1 Ambient Groundwater Quality Standards and Guidance Values

"–" indicates the analyte was not analyzed for

ND - not detected

Table 3 (Page 5 of 5)
PFAS results in Groundwater
Former Sherwood Shoe Company
625 South Goodman Street
Rochester, New York
NYSDEC Site No. C828201

MONITORING WELL: RIBW-03

SAMPLE ID:	NYSDEC TOGS 1.1.1 Groundwater Quality Standards	RIBW-03-6.7.21		RIBW-03-121621		RIBW-03		RIBW-03-1282022	
COLLECTION DATE:		6/7/2021		12/16/2021		7/1/2022		12/8/2022	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q	Conc	Q	Conc	Q
PFAS									
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NA	<1.08	U	<1.06	U	<1.12	U	<1.13	UJ
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NA	<1.19	U	**1.62**	J	<1.23	UJ	<1.24	UJ
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	<0.716	U	<0.7	U	<0.744	UJ	<0.749	UJ
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	<0.577	U	<0.564	U	<0.6	UJ	<0.604	UJ
Perfluorobutanesulfonic Acid (PFBS)	NA	**0.94**	J	**0.902**	J	**0.726**	J	**0.898**	JF
Perfluorobutanoic Acid (PFBA)	NA	**211**		**195**		**218**		**260**	
Perfluorodecanesulfonic Acid (PFDS)	NA	<0.873	U	<0.853	U	<0.907	U	<0.913	U
Perfluorodecanoic Acid (PFDA)	NA	<0.271	U	<0.265	U	<0.281	U	**0.596**	J
Perfluorododecanoic Acid (PFDoA)	NA	<0.331	U	<0.324	U	<0.344	UJ	<0.346	UJ
Perfluoroheptanesulfonic Acid (PFHpS)	NA	<0.613	U	<0.599	U	<0.637	U	<0.641	U
Perfluoroheptanoic Acid (PFHpA)	NA	**113**		**126**		**106**		**67.8**	J
Perfluorohexanesulfonic Acid (PFHxS)	NA	<0.335	U	<0.327	U	<0.348	U	<0.35	U
Perfluorohexanoic Acid (PFHxA)	NA	**284**		**281**		**245**	J	**202**	
Perfluorononanoic Acid (PFNA)	NA	<0.278	U	<0.272	U	<0.289	U	<0.291	U
Perfluorooctanesulfonamide (FOSA)	NA	<0.516	U	<0.505	U	<0.537	UJ	<0.54	UJ
Perfluorooctanesulfonic Acid (PFOS)	2.7	<0.449	U	<0.439	U	<0.466	U	**0.842**	JF
Perfluorooctanoic Acid (PFOA)	6.7	**7.48**		**10.3**		**7.66**		**5.86**	
Perfluoropentanoic Acid (PFPeA)	NA	**665**		**634**		**634**		**606**	
Perfluorotetradecanoic Acid (PFTA)	NA	<0.221	U	<0.216	U	<0.23	U	<0.231	U
Perfluorotridecanoic Acid (PFTrDA)	NA	<0.291	U	<0.285	U	<0.303	UJ	<0.305	UJ
Perfluoroundecanoic Acid (PFUnA)	NA	<0.232	U	<0.226	U	<0.241	UJ	<0.242	U
PFOA/PFOS, Total	NA	**7.48**		**10.3**		**7.66**		**6.7**	J
Total PFAS	NA	**1281.42**	-	**1248.822**	-	**1211.386**	-	**1143.996**	-

Notes:

All values are displayed in nanograms per liter (ng/L) or parts per trillion (ppt)

Conc - Concentration

J qualifer - indicate the concentration is considered estimated

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U qualifier and "<" symbol - indicate the analyte was not detected above the laboratory method detection limit (MDL) with the MDL shown.

BOLD BLACK values indicate the analyte was detected above the laboratory MDL.

BOLD RED values indicate the concentration was detected above the NYSDEC TOGS 1.1.1 Ambient Groundwater Quality Standards and Guidance Values

"–" indicates the analyte was not analyzed for

ND - not detected

APPENDIX 1

Laboratory Report

ANALYTICAL REPORT

Lab Number:	L2234415
Client:	LaBella Associates, P.C. 105 N. Tioga Suite 200 Ithaca, NY 14850
ATTN:	Alexander Brett
Phone:	(585) 454-6110
Project Name:	625 SOUTH GOODMAN ST
Project Number:	2172056
Report Date:	07/21/22

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056

Lab Number: L2234415
Report Date: 07/21/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2234415-01	MW-06R	WATER	ROCHESTER, NY	06/28/22 10:05	06/28/22
L2234415-02	RIBW-01R	WATER	ROCHESTER, NY	06/28/22 11:15	06/28/22
L2234415-03	MW-04R	WATER	ROCHESTER, NY	06/28/22 12:00	06/28/22
L2234415-04	DUPE-20220628	WATER	ROCHESTER, NY	06/28/22 00:00	06/28/22

Project Name:	625 SOUTH GOODMAN ST	**Lab Number:**	L2234415
Project Number:	2172056	**Report Date:**	07/21/22

Case Narrative

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

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

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

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

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

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

Project Name:	625 SOUTH GOODMAN ST	**Lab Number:**	L2234415
Project Number:	2172056	**Report Date:**	07/21/22

Case Narrative (continued)

Report Submission

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

Volatile Organics

L2234415-03: The sample was received in the proper acid-preserved containers; however, upon analysis, the pH was determined to be greater than 2, and thus the method required holding time was exceeded.

Semivolatile Organics

The WG1657899-1 Method Blank, associated with L2234415-02 and -04, has TIC(s) detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC(s).

The WG1657899-2 LCS recovery, associated with L2234415-02 and -04, is below the acceptance criteria for 2,4-dinitrophenol (0%); however, this has been identified as a "difficult" analyte. The results of the associated samples are reported.

The WG1657899-5 MSD recovery performed on L2234415-02, is outside the acceptance criteria for dibenzofuran (0%). The unacceptable percent recovery is attributed to the elevated concentrations of target compounds present in the native sample.

Semivolatile Organics by SIM

L2234415-02D: The sample has elevated detection limits due to the dilution required by the sample matrix.

The WG1657898-4 MS recovery, performed on L2234415-02, is outside the acceptance criteria for acenaphthene (0%). The unacceptable percent recovery is attributed to the elevated concentrations of target compounds present in the native sample.

Perfluorinated Alkyl Acids by Isotope Dilution

L2234415-01: The sample was centrifuged and decanted prior to extraction due to sample matrix.

WG1659669-3/-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual

Project Name:	625 SOUTH GOODMAN ST	**Lab Number:**	L2234415
Project Number:	2172056	**Report Date:**	07/21/22

Case Narrative (continued)

analytes. Please refer to the surrogate section of the report for details.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 07/21/22

ORGANICS

VOLATILES

Project Name: 625 SOUTH GOODMAN ST
Lab Number: L2234415
Project Number: 2172056
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-01
Client ID: MW-06R
Sample Location: ROCHESTER, NY
Date Collected: 06/28/22 10:05
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/09/22 11:04
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.20	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-01 Date Collected: 06/28/22 10:05

Client ID: MW-06R Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/l	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-01 Date Collected: 06/28/22 10:05

Client ID: MW-06R Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	124		70-130

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-02 Date Collected: 06/28/22 11:15
Client ID: RIBW-01R Date Received: 06/28/22
Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/09/22 11:54
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	8.6		ug/l	0.50	0.16	1
Toluene	7.0		ug/l	2.5	0.70	1
Ethylbenzene	20		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.50	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	20		ug/l	2.5	0.70	1
Trichloroethene	1.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-02 Date Collected: 06/28/22 11:15

Client ID: RIBW-01R Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	16		ug/l	2.5	0.70	1
o-Xylene	13		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	7.5		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	3.2		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	100		ug/l	2.5	0.70	1
n-Propylbenzene	1.1	J	ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	1.9	J	ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	8.6		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-02 Date Collected: 06/28/22 11:15

Client ID: RIBW-01R Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	176	J	ug/l			1
Unknown Aromatic	32.2	J	ug/l			1
Unknown	20.9	J	ug/l			1
Unknown	12.1	J	ug/l			1
2-Methylindene	5.92	NJ	ug/l			1
Indane	57.5	NJ	ug/l			1
Unknown Benzene	5.68	J	ug/l			1
Unknown	6.29	J	ug/l			1
Unknown Aromatic	6.31	J	ug/l			1
Unknown	9.35	J	ug/l			1
Unknown	19.3	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	126		70-130

Project Name: 625 SOUTH GOODMAN ST
Lab Number: L2234415
Project Number: 2172056
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-03
Client ID: MW-04R
Sample Location: ROCHESTER, NY
Date Collected: 06/28/22 12:00
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/09/22 11:29
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	5.1		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-03 Date Collected: 06/28/22 12:00

Client ID: MW-04R Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	16		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds				
Total TIC Compounds	1.39	J	ug/l	1
Unknown	1.39	J	ug/l	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-03 Date Collected: 06/28/22 12:00

Client ID: MW-04R Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	124		70-130

Project Name: 625 SOUTH GOODMAN ST
Lab Number: L2234415
Project Number: 2172056
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-04
Client ID: DUPE-20220628
Sample Location: ROCHESTER, NY
Date Collected: 06/28/22 00:00
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/09/22 12:19
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	8.5		ug/l	0.50	0.16	1
Toluene	6.8		ug/l	2.5	0.70	1
Ethylbenzene	20		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.51	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	20		ug/l	2.5	0.70	1
Trichloroethene	1.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-04 Date Collected: 06/28/22 00:00

Client ID: DUPE-20220628 Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	16		ug/l	2.5	0.70	1
o-Xylene	13		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	7.5		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	3.2		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	100		ug/l	2.5	0.70	1
n-Propylbenzene	1.1	J	ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	1.9	J	ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	8.5		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-04 Date Collected: 06/28/22 00:00

Client ID: DUPE-20220628 Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	185	J	ug/l			1
Unknown	6.66	J	ug/l			1
Unknown	10.0	J	ug/l			1
Unknown Aromatic	59.5	J	ug/l			1
Unknown	23.4	J	ug/l			1
Unknown Aromatic	33.4	J	ug/l			1
Unknown	12.9	J	ug/l			1
Unknown Benzene	6.05	J	ug/l			1
Unknown Aromatic	6.15	J	ug/l			1
Unknown Aromatic	6.62	J	ug/l			1
Unknown	20.5	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	125		70-130

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/09/22 10:39
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1661364-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/09/22 10:39
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1661364-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/09/22 10:39
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1661364-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	126		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1661364-3 WG1661364-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	100		99		70-130	1		20
Dibromochloromethane	99		98		63-130	1		20
1,1,2-Trichloroethane	88		89		70-130	1		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	100		97		70-130	3		20
1,1,1-Trichloroethane	120		120		67-130	0		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	88		86		70-130	2		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
Bromoform	89		95		54-136	7		20
1,1,2,2-Tetrachloroethane	98		100		67-130	2		20
Benzene	110		110		70-130	0		20
Toluene	96		98		70-130	2		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	100		95		64-130	5		20
Bromomethane	83		82		39-139	1		20
Vinyl chloride	90		85		55-140	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1661364-3 WG1661364-4								
Chloroethane	90		87		55-138	3		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	120		120		70-130	0		20
Trichloroethene	91		91		70-130	0		20
1,2-Dichlorobenzene	97		100		70-130	3		20
1,3-Dichlorobenzene	98		100		70-130	2		20
1,4-Dichlorobenzene	99		100		70-130	1		20
Methyl tert butyl ether	91		89		63-130	2		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	120		110		70-130	9		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	100		98		36-147	2		20
Acetone	82		75		58-148	9		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	79		78		63-138	1		20
4-Methyl-2-pentanone	66		69		59-130	4		20
2-Hexanone	62		61		57-130	2		20
1,2-Dibromoethane	94		95		70-130	1		20
n-Butylbenzene	91		98		53-136	7		20
sec-Butylbenzene	92		99		70-130	7		20
tert-Butylbenzene	95		100		70-130	5		20
1,2-Dibromo-3-chloropropane	91		94		41-144	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1661364-3 WG1661364-4								
Isopropylbenzene	90		94		70-130	4		20
p-Isopropyltoluene	94		100		70-130	6		20
Naphthalene	84		91		70-130	8		20
n-Propylbenzene	87		92		69-130	6		20
1,2,4-Trichlorobenzene	96		100		70-130	4		20
1,3,5-Trimethylbenzene	88		94		64-130	7		20
1,2,4-Trimethylbenzene	88		93		70-130	6		20
Methyl Acetate	100		91		70-130	9		20
Cyclohexane	100		100		70-130	0		20
Freon-113	130		120		70-130	8		20
Methyl cyclohexane	99		100		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		89		70-130
Toluene-d8	92		91		70-130
4-Bromofluorobenzene	86		85		70-130
Dibromofluoromethane	112		107		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST

Project Number: 2172056

Lab Number: L2234415

Report Date: 07/21/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1661364-6 WG1661364-7 QC Sample: L2234415-02 Client ID: RIBW-01R												
Methylene chloride	ND	10	12	120		12	120		70-130	0		20
1,1-Dichloroethane	ND	10	12	120		12	120		70-130	0		20
Chloroform	ND	10	12	120		11	110		70-130	9		20
Carbon tetrachloride	ND	10	12	120		12	120		63-132	0		20
1,2-Dichloropropane	ND	10	10	100		10	100		70-130	0		20
Dibromochloromethane	ND	10	9.1	91		9.8	98		63-130	7		20
1,1,2-Trichloroethane	ND	10	8.5	85		9.1	91		70-130	7		20
Tetrachloroethene	ND	10	11	110		11	110		70-130	0		20
Chlorobenzene	ND	10	10	100		10	100		75-130	0		20
Trichlorofluoromethane	ND	10	12	120		12	120		62-150	0		20
1,2-Dichloroethane	ND	10	10	100		10	100		70-130	0		20
1,1,1-Trichloroethane	ND	10	12	120		12	120		67-130	0		20
Bromodichloromethane	ND	10	11	110		11	110		67-130	0		20
trans-1,3-Dichloropropene	ND	10	7.8	78		8.4	84		70-130	7		20
cis-1,3-Dichloropropene	ND	10	9.8	98		10	100		70-130	2		20
Bromoform	ND	10	8.5	85		8.9	89		54-136	5		20
1,1,2,2-Tetrachloroethane	ND	10	9.6	96		10	100		67-130	4		20
Benzene	8.6	10	20	114		20	114		70-130	0		20
Toluene	7.0	10	17	100		17	100		70-130	0		20
Ethylbenzene	20	10	30	100		31	110		70-130	3		20
Chloromethane	ND	10	11	110		11	110		64-130	0		20
Bromomethane	ND	10	4.6	46		5.0	50		39-139	8		20
Vinyl chloride	0.50J	10	10	100		10	100		55-140	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST

Project Number: 2172056

Lab Number: L2234415

Report Date: 07/21/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1661364-6 WG1661364-7 QC Sample: L2234415-02 Client ID: RIBW-01R												
Chloroethane	ND	10	11	110		11	110		55-138	0		20
1,1-Dichloroethene	ND	10	13	130		13	130		61-145	0		20
trans-1,2-Dichloroethene	20	10	30	100		29	90		70-130	3		20
Trichloroethene	1.2	10	10	88		11	98		70-130	10		20
1,2-Dichlorobenzene	ND	10	9.7	97		10	100		70-130	3		20
1,3-Dichlorobenzene	ND	10	9.7	97		10	100		70-130	3		20
1,4-Dichlorobenzene	ND	10	9.8	98		10	100		70-130	2		20
Methyl tert butyl ether	ND	10	8.2	82		8.9	89		63-130	8		20
p/m-Xylene	16	20	36	100		39	115		70-130	8		20
o-Xylene	13	20	34	105		36	115		70-130	6		20
cis-1,2-Dichloroethene	7.5	10	19	115		19	115		70-130	0		20
Styrene	ND	20	21	105		23	115		70-130	9		20
Dichlorodifluoromethane	ND	10	9.5	95		9.7	97		36-147	2		20
Acetone	ND	10	9.8	98		8.2	82		58-148	18		20
Carbon disulfide	ND	10	12	120		12	120		51-130	0		20
2-Butanone	ND	10	8.2	82		8.5	85		63-138	4		20
4-Methyl-2-pentanone	ND	10	5.8	**58**	Q	6.8	68		59-130	16		20
2-Hexanone	ND	10	5.5	**55**	Q	6.3	63		57-130	14		20
1,2-Dibromoethane	ND	10	8.7	87		9.5	95		70-130	9		20
n-Butylbenzene	ND	10	9.4	94		10	100		53-136	6		20
sec-Butylbenzene	ND	10	9.0	90		9.8	98		70-130	9		20
tert-Butylbenzene	ND	10	9.5	95		10	100		70-130	5		20
1,2-Dibromo-3-chloropropane	ND	10	9.2	92		9.3	93		41-144	1		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1661364-6 WG1661364-7 QC Sample: L2234415-02 Client ID: RIBW-01R												
Isopropylbenzene	3.2	10	12	88		13	98		70-130	8		20
p-Isopropyltoluene	ND	10	9.6	96		10	100		70-130	4		20
Naphthalene	100	10	110	100		110	100		70-130	0		20
n-Propylbenzene	1.1J	10	9.7	97		10	100		69-130	3		20
1,2,4-Trichlorobenzene	ND	10	10	100		11	110		70-130	10		20
1,3,5-Trimethylbenzene	1.9J	10	11	110		11	110		64-130	0		20
1,2,4-Trimethylbenzene	8.6	10	17	84		18	94		70-130	6		20
Methyl Acetate	ND	10	9.2	92		8.9	89		70-130	3		20
Cyclohexane	ND	10	9.9J	99		11	110		70-130	11		20
Freon-113	ND	10	11	110		12	120		70-130	9		20
Methyl cyclohexane	ND	10	8.8J	88		10	100		70-130	13		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		93		70-130
4-Bromofluorobenzene	84		88		70-130
Dibromofluoromethane	117		109		70-130
Toluene-d8	93		93		70-130

SEMIVOLATILES

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-01
Client ID: MW-06R
Sample Location: ROCHESTER, NY

Date Collected: 06/28/22 10:05
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/15/22 22:47
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/07/22 06:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	24.0		ng/l	1.86	0.380	1
Perfluoropentanoic Acid (PFPeA)	25.1		ng/l	1.86	0.369	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.86	0.222	1
Perfluorohexanoic Acid (PFHxA)	14.9		ng/l	1.86	0.306	1
Perfluoroheptanoic Acid (PFHpA)	1.14	J	ng/l	1.86	0.210	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.86	0.351	1
Perfluorooctanoic Acid (PFOA)	0.276	J	ng/l	1.86	0.220	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.86	1.24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.86	0.642	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.86	0.291	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.86	0.470	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.86	0.284	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.86	0.604	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.242	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.914	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.541	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.86	0.750	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.347	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.86	0.305	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.86	0.231	1
PFOA/PFOS, Total	0.276	J	ng/l	1.86	0.220	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-01 Date Collected: 06/28/22 10:05

Client ID: MW-06R Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	78		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	77		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	77		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	70		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	76		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	84		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	119		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	94		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	40		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	68		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	13		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	40		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	60		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	56		22-136

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-02
Client ID: RIBW-01R
Sample Location: ROCHESTER, NY

Date Collected: 06/28/22 11:15
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/13/22 05:07
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 07/02/22 07:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.2	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	9.7		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	76.		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-02 Date Collected: 06/28/22 11:15

Client ID: RIBW-01R Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	8.1		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	2.8	J	ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	16.		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-02 Date Collected: 06/28/22 11:15

Client ID: RIBW-01R Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	826	J	ug/l			1
Cyclic Octaatomic Sulfur	418	NJ	ug/l			1
Naphthalene, 1-methyl-	49.4	NJ	ug/l			1
Unknown	42.1	J	ug/l			1
Unknown	25.5	J	ug/l			1
Unknown	17.3	J	ug/l			1
Unknown	14.9	J	ug/l			1
Unknown	45.3	J	ug/l			1
Unknown	17.7	J	ug/l			1
Unknown	21.1	J	ug/l			1
Unknown Alcohol	17.2	J	ug/l			1
Unknown Naphthalene	19.4	J	ug/l			1
Unknown Naphthalene	22.0	J	ug/l			1
Unknown Naphthalene	19.6	J	ug/l			1
Unknown Organic Acid	15.8	JB	ug/l			1
Unknown PAH	81.0	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	85		41-149

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-02
Client ID: RIBW-01R
Sample Location: ROCHESTER, NY

Date Collected: 06/28/22 11:15
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 02:36
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/07/22 06:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	17.8		ng/l	1.86	0.380	1
Perfluoropentanoic Acid (PFPeA)	6.49		ng/l	1.86	0.369	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.86	0.222	1
Perfluorohexanoic Acid (PFHxA)	2.31		ng/l	1.86	0.306	1
Perfluoroheptanoic Acid (PFHpA)	0.317	J	ng/l	1.86	0.210	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.86	0.350	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.86	0.220	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.86	1.24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.86	0.641	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.86	0.291	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.86	0.470	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.86	0.283	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.86	0.604	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.242	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.913	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.540	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.86	0.749	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.347	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.86	0.305	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.86	0.231	1
PFOA/PFOS, Total	ND		ng/l	1.86	0.220	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-02 Date Collected: 06/28/22 11:15

Client ID: RIBW-01R Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	74		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	73		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	73		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	68		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	75		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	78		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	77		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	129		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	72		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	74		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	75		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	89		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	52		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	63		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	20		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	47		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	51		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	42		22-136

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-02 D
Client ID: RIBW-01R
Sample Location: ROCHESTER, NY

Date Collected: 06/28/22 11:15
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/20/22 14:39
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/02/22 07:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	110		ug/l	0.50	0.07	5
2-Chloronaphthalene	ND		ug/l	1.0	0.09	5
Fluoranthene	8.1		ug/l	0.50	0.10	5
Hexachlorobutadiene	ND		ug/l	2.5	0.23	5
Naphthalene	72		ug/l	0.50	0.24	5
Benzo(a)anthracene	0.22	J	ug/l	0.50	0.10	5
Benzo(a)pyrene	ND		ug/l	0.50	0.08	5
Benzo(b)fluoranthene	ND		ug/l	0.50	0.06	5
Benzo(k)fluoranthene	ND		ug/l	0.50	0.04	5
Chrysene	0.10	J	ug/l	0.50	0.06	5
Acenaphthylene	7.9		ug/l	0.50	0.06	5
Anthracene	4.9		ug/l	0.50	0.07	5
Benzo(ghi)perylene	ND		ug/l	0.50	0.07	5
Fluorene	93		ug/l	0.50	0.07	5
Phenanthrene	35		ug/l	0.50	0.12	5
Dibenzo(a,h)anthracene	ND		ug/l	0.50	0.06	5
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.50	0.06	5
Pyrene	4.6		ug/l	0.50	0.10	5
2-Methylnaphthalene	0.64		ug/l	0.50	0.11	5
Pentachlorophenol	ND		ug/l	4.0	0.07	5
Hexachlorobenzene	ND		ug/l	4.0	0.05	5
Hexachloroethane	ND		ug/l	4.0	0.32	5

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-02 D Date Collected: 06/28/22 11:15
Client ID: RIBW-01R Date Received: 06/28/22
Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	65		10-120
Nitrobenzene-d5	118		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	94		41-149

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-04
Client ID: DUPE-20220628
Sample Location: ROCHESTER, NY

Date Collected: 06/28/22 00:00
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/13/22 03:57
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 07/02/22 07:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	9.3		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	73.		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-04 Date Collected: 06/28/22 00:00

Client ID: DUPE-20220628 Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	8.2		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	3.1	J	ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	15.		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-04 Date Collected: 06/28/22 00:00

Client ID: DUPE-20220628 Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	756	J	ug/l			1
Unknown	32.3	J	ug/l			1
Unknown PAH	75.8	J	ug/l			1
Unknown	13.8	J	ug/l			1
Unknown	25.3	J	ug/l			1
Unknown Naphthalene	16.8	J	ug/l			1
Unknown Naphthalene	22.8	J	ug/l			1
Cyclic Octaatomic Sulfur	360	NJ	ug/l			1
Naphthalene, 1-methyl-	45.6	NJ	ug/l			1
Unknown	16.3	J	ug/l			1
Unknown Naphthalene	18.6	J	ug/l			1
Unknown Naphthalene	20.9	J	ug/l			1
Unknown Organic Acid	26.7	J	ug/l			1
Indane	43.2	NJ	ug/l			1
Unknown	14.8	J	ug/l			1
Unknown Organic Acid	22.9	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	80		41-149

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-04
Client ID: DUPE-20220628
Sample Location: ROCHESTER, NY

Date Collected: 06/28/22 00:00
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/11/22 15:01
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 07/02/22 07:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	100	E	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	6.6		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	67		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.15		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.08	J	ug/l	0.10	0.01	1
Acenaphthylene	6.9		ug/l	0.10	0.01	1
Anthracene	4.2		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	79	E	ug/l	0.10	0.01	1
Phenanthrene	32		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	3.8		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.58		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-04 Date Collected: 06/28/22 00:00

Client ID: DUPE-20220628 Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	109		10-120
4-Terphenyl-d14	81		41-149

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-04
Client ID: DUPE-20220628
Sample Location: ROCHESTER, NY

Date Collected: 06/28/22 00:00
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/15/22 23:03
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/07/22 06:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	17.7		ng/l	1.90	0.388	1
Perfluoropentanoic Acid (PFPeA)	6.02		ng/l	1.90	0.376	1
Perfluorobutanesulfonic Acid (PFBS)	0.639	J	ng/l	1.90	0.226	1
Perfluorohexanoic Acid (PFHxA)	1.95		ng/l	1.90	0.312	1
Perfluoroheptanoic Acid (PFHpA)	0.399	J	ng/l	1.90	0.214	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.90	0.357	1
Perfluorooctanoic Acid (PFOA)	0.403	J	ng/l	1.90	0.224	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.90	1.27	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.90	0.654	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.90	0.297	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.90	0.479	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.90	0.289	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.90	1.15	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.90	0.616	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.90	0.247	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.90	0.932	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.90	0.551	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.90	0.764	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.90	0.354	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.90	0.311	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.90	0.236	1
PFOA/PFOS, Total	0.403	J	ng/l	1.90	0.224	1

Project Name: 625 SOUTH GOODMAN ST **Lab Number:** L2234415

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-04 Date Collected: 06/28/22 00:00

Client ID: DUPE-20220628 Date Received: 06/28/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	85		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	80		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	147		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	89		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	103		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	44		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	74		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	43		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	63		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	57		22-136

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234415-04 D
Client ID: DUPE-20220628
Sample Location: ROCHESTER, NY

Date Collected: 06/28/22 00:00
Date Received: 06/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/20/22 14:23
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/02/22 07:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	93		ug/l	0.50	0.07	5
Fluorene	77		ug/l	0.50	0.07	5

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/05/22 12:08
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 07/01/22 08:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02,04 Batch: WG1657898-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.04	J	ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	0.02	J	ug/l	0.10	0.01
Acenaphthylene	0.02	J	ug/l	0.10	0.01
Anthracene	0.02	J	ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	0.03	J	ug/l	0.10	0.01
Phenanthrene	0.07	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	0.03	J	ug/l	0.10	0.02
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/05/22 12:08
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 07/01/22 08:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02,04 Batch: WG1657898-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	59		41-149

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/11/22 11:06
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/01/22 08:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04 Batch: WG1657899-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	2.0	J	ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/11/22 11:06
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/01/22 08:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04 Batch: WG1657899-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Tentatively Identified Compounds

Total TIC Compounds	33.0	J	ug/l
Unknown	4.29	J	ug/l
Unknown	1.56	J	ug/l
Unknown	1.78	J	ug/l
Unknown	1.85	J	ug/l
Unknown	3.64	J	ug/l
Unknown Amide	5.02	J	ug/l

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/11/22 11:06
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/01/22 08:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04 Batch: WG1657899-1					
Tentatively Identified Compounds					
Unknown Organic Acid	5.64	J	ug/l		
Unknown Organic Acid	5.49	J	ug/l		
Unknown	1.64	J	ug/l		
Unknown	2.04	J	ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	58		41-149

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 01:46
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/07/22 06:19

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-02,04 Batch: WG1659669-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 01:46
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/07/22 06:19

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-02,04 Batch: WG1659669-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	96		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	70		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	67		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	75		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	83		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	68		22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02,04 Batch: WG1657898-2 WG1657898-3								
Acenaphthene	62		72		40-140	15		40
2-Chloronaphthalene	60		66		40-140	10		40
Fluoranthene	61		75		40-140	21		40
Hexachlorobutadiene	55		66		40-140	18		40
Naphthalene	60		69		40-140	14		40
Benzo(a)anthracene	60		73		40-140	20		40
Benzo(a)pyrene	60		70		40-140	15		40
Benzo(b)fluoranthene	60		74		40-140	21		40
Benzo(k)fluoranthene	65		73		40-140	12		40
Chrysene	60		72		40-140	18		40
Acenaphthylene	58		66		40-140	13		40
Anthracene	60		80		40-140	29		40
Benzo(ghi)perylene	62		77		40-140	22		40
Fluorene	62		67		40-140	8		40
Phenanthrene	61		72		40-140	17		40
Dibenzo(a,h)anthracene	65		81		40-140	22		40
Indeno(1,2,3-cd)pyrene	63		77		40-140	20		40
Pyrene	61		74		40-140	19		40
2-Methylnaphthalene	59		68		40-140	14		40
Pentachlorophenol	**21**	Q	**36**	Q	40-140	**53**	Q	40
Hexachlorobenzene	67		82		40-140	20		40
Hexachloroethane	52		63		40-140	19		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02,04 Batch: WG1657898-2 WG1657898-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		56		21-120
Phenol-d6	40		45		10-120
Nitrobenzene-d5	57		70		23-120
2-Fluorobiphenyl	58		66		15-120
2,4,6-Tribromophenol	74		78		10-120
4-Terphenyl-d14	60		72		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 Batch: WG1657899-2 WG1657899-3								
Bis(2-chloroethyl)ether	63		65		40-140	3		30
3,3'-Dichlorobenzidine	41		42		40-140	2		30
2,4-Dinitrotoluene	56		58		48-143	4		30
2,6-Dinitrotoluene	58		60		40-140	3		30
4-Chlorophenyl phenyl ether	58		59		40-140	2		30
4-Bromophenyl phenyl ether	58		59		40-140	2		30
Bis(2-chloroisopropyl)ether	65		65		40-140	0		30
Bis(2-chloroethoxy)methane	64		65		40-140	2		30
Hexachlorocyclopentadiene	45		47		40-140	4		30
Isophorone	62		64		40-140	3		30
Nitrobenzene	61		62		40-140	2		30
NDPA/DPA	58		60		40-140	3		30
n-Nitrosodi-n-propylamine	64		66		29-132	3		30
Bis(2-ethylhexyl)phthalate	71		78		40-140	9		30
Butyl benzyl phthalate	65		71		40-140	9		30
Di-n-butylphthalate	64		67		40-140	5		30
Di-n-octylphthalate	70		74		40-140	6		30
Diethyl phthalate	62		62		40-140	0		30
Dimethyl phthalate	58		61		40-140	5		30
Biphenyl	60		65		40-140	8		30
4-Chloroaniline	47		55		40-140	16		30
2-Nitroaniline	56		56		52-143	0		30
3-Nitroaniline	44		48		25-145	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 Batch: WG1657899-2 WG1657899-3								
4-Nitroaniline	54		54		51-143	0		30
Dibenzofuran	59		60		40-140	2		30
1,2,4,5-Tetrachlorobenzene	60		63		2-134	5		30
Acetophenone	64		66		39-129	3		30
2,4,6-Trichlorophenol	55		61		30-130	10		30
p-Chloro-m-cresol	62		62		23-97	0		30
2-Chlorophenol	59		63		27-123	7		30
2,4-Dichlorophenol	64		66		30-130	3		30
2,4-Dimethylphenol	43		62		30-130	**36**	Q	30
2-Nitrophenol	54		60		30-130	11		30
4-Nitrophenol	51		58		10-80	13		30
2,4-Dinitrophenol	**0**	Q	38		20-130	NC		30
4,6-Dinitro-o-cresol	28		46		20-164	**49**	Q	30
Phenol	42		45		12-110	7		30
2-Methylphenol	58		65		30-130	11		30
3-Methylphenol/4-Methylphenol	60		66		30-130	10		30
2,4,5-Trichlorophenol	59		62		30-130	5		30
Carbazole	59		63		55-144	7		30
Atrazine	64		65		40-140	2		30
Benzaldehyde	75		78		40-140	4		30
Caprolactam	25		28		10-130	11		30
2,3,4,6-Tetrachlorophenol	**39**	Q	54		40-140	**32**	Q	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST

Project Number: 2172056

Lab Number: L2234415

Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 Batch: WG1657899-2 WG1657899-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		56		21-120
Phenol-d6	42		46		10-120
Nitrobenzene-d5	59		60		23-120
2-Fluorobiphenyl	55		61		15-120
2,4,6-Tribromophenol	55		61		10-120
4-Terphenyl-d14	55		59		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,04 Batch: WG1659669-2								
Perfluorobutanoic Acid (PFBA)	100		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	100		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	99		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	99		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	100		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	117		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	109		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	113		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	111		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	99		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	116		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	107		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	90		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	109		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	106		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	94		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	102		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	107		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	107		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	114		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	108		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST

Project Number: 2172056

Lab Number: L2234415

Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,04 Batch: WG1659669-2

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	76				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	94				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	74				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	27				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	68				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	78				22-136

Matrix Spike Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1657898-4 WG1657898-5 QC Sample: L2234415-02 Client ID: RIBW-01R												
Acenaphthene	110	18.2	110	**0**	Q	130	110		40-140	17		40
2-Chloronaphthalene	ND	18.2	14	77		18	99		40-140	25		40
Fluoranthene	8.1	18.2	27	100		29	110		40-140	7		40
Hexachlorobutadiene	ND	18.2	12	66		16	88		40-140	29		40
Naphthalene	72	18.2	79	**39**	Q	94	120		40-140	17		40
Benzo(a)anthracene	0.22J	18.2	17	94		18	99		40-140	6		40
Benzo(a)pyrene	ND	18.2	17	94		19	100		40-140	11		40
Benzo(b)fluoranthene	ND	18.2	18	99		19	100		40-140	5		40
Benzo(k)fluoranthene	ND	18.2	18	99		21	120		40-140	15		40
Chrysene	0.10J	18.2	17	94		18	99		40-140	6		40
Acenaphthylene	7.9	18.2	21	72		27	110		40-140	25		40
Anthracene	4.9	18.2	22	94		25	110		40-140	13		40
Benzo(ghi)perylene	ND	18.2	17	94		19	100		40-140	11		40
Fluorene	93	18.2	97	**22**	Q	110	94		40-140	13		40
Phenanthrene	35	18.2	52	94		56	120		40-140	7		40
Dibenzo(a,h)anthracene	ND	18.2	19	100		21	120		40-140	10		40
Indeno(1,2,3-cd)pyrene	ND	18.2	18	99		20	110		40-140	11		40
Pyrene	4.6	18.2	23	100		25	110		40-140	8		40
2-Methylnaphthalene	0.64	18.2	14	73		18	95		40-140	25		40
Pentachlorophenol	ND	18.2	16	88		18	99		40-140	12		40
Hexachlorobenzene	ND	18.2	14	77		16	88		40-140	13		40
Hexachloroethane	ND	18.2	14	77		17	94		40-140	19		40

Matrix Spike Analysis

Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST

Project Number: 2172056

Lab Number: L2234415

Report Date: 07/21/22

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

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1657898-4 WG1657898-5 QC Sample: L2234415-02 Client ID: RIBW-01R

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	95		105		10-120
2-Fluorobiphenyl	76		96		15-120
2-Fluorophenol	71		86		21-120
4-Terphenyl-d14	94		103		41-149
Nitrobenzene-d5	111		**129**	Q	23-120
Phenol-d6	69		83		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1657899-4 WG1657899-5 QC Sample: L2234415-02 Client ID: RIBW-01R												
Bis(2-chloroethyl)ether	ND	18.2	12	66		11	61		40-140	9		30
3,3'-Dichlorobenzidine	ND	18.2	8.0	44		4.1J	**23**	Q	40-140	**64**	Q	30
2,4-Dinitrotoluene	ND	18.2	20	110		16	88		48-143	22		30
2,6-Dinitrotoluene	ND	18.2	18	99		14	77		40-140	25		30
4-Chlorophenyl phenyl ether	ND	18.2	14	77		12	66		40-140	15		30
4-Bromophenyl phenyl ether	ND	18.2	16	88		13	72		40-140	21		30
Bis(2-chloroisopropyl)ether	ND	18.2	9.7	53		8.6	47		40-140	12		30
Bis(2-chloroethoxy)methane	ND	18.2	13	72		11	61		40-140	17		30
Hexachlorocyclopentadiene	ND	18.2	13.J	72		12.J	66		40-140	8		30
Isophorone	ND	18.2	14	77		12	66		40-140	15		30
Nitrobenzene	ND	18.2	15	83		14	77		40-140	7		30
NDPA/DPA	ND	18.2	15	83		13	72		40-140	14		30
n-Nitrosodi-n-propylamine	ND	18.2	13	72		11	61		29-132	17		30
Bis(2-ethylhexyl)phthalate	2.2J	18.2	17	94		12	66		40-140	**34**	Q	30
Butyl benzyl phthalate	ND	18.2	18	99		14	77		40-140	25		30
Di-n-butylphthalate	ND	18.2	16	88		12	66		40-140	29		30
Di-n-octylphthalate	ND	18.2	16	88		12	66		40-140	29		30
Diethyl phthalate	ND	18.2	15	83		12	66		40-140	22		30
Dimethyl phthalate	ND	18.2	16	88		13	72		40-140	21		30
Biphenyl	9.7	18.2	24	79		21	62		40-140	13		30
4-Chloroaniline	ND	18.2	15	83		12	66		40-140	22		30
2-Nitroaniline	ND	18.2	19	100		15	83		52-143	24		30
3-Nitroaniline	ND	18.2	13	72		11	61		25-145	17		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1657899-4 WG1657899-5 QC Sample: L2234415-02 Client ID: RIBW-01R												
4-Nitroaniline	ND	18.2	13	72		11	61		51-143	17		30
Dibenzofuran	76	18.2	82	**33**	Q	72	**0**	Q	40-140	13		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	14	77		12	66		2-134	15		30
Acetophenone	ND	18.2	14	77		13	72		39-129	7		30
2,4,6-Trichlorophenol	ND	18.2	16	88		14	77		30-130	13		30
p-Chloro-m-cresol	ND	18.2	16	88		13	72		23-97	21		30
2-Chlorophenol	ND	18.2	13	72		12	66		27-123	8		30
2,4-Dichlorophenol	ND	18.2	15	83		13	72		30-130	14		30
2,4-Dimethylphenol	8.1	18.2	26	98		21	71		30-130	21		30
2-Nitrophenol	ND	18.2	19	100		16	88		30-130	17		30
4-Nitrophenol	ND	18.2	13	72		10	55		10-80	26		30
2,4-Dinitrophenol	ND	18.2	21	120		17.J	94		20-130	21		30
4,6-Dinitro-o-cresol	ND	18.2	21	120		17	94		20-164	21		30
Phenol	ND	18.2	10	55		9.2	51		12-110	8		30
2-Methylphenol	2.8J	18.2	16	88		14	77		30-130	13		30
3-Methylphenol/4-Methylphenol	ND	18.2	14	77		12	66		30-130	15		30
2,4,5-Trichlorophenol	ND	18.2	17	94		14	77		30-130	19		30
Carbazole	16	18.2	29	72		23	**39**	Q	55-144	23		30
Atrazine	ND	18.2	22	120		17	94		40-140	26		30
Benzaldehyde	ND	18.2	20	110		19	100		40-140	5		30
Caprolactam	ND	18.2	9.3J	51		7.2J	40		10-130	25		30
2,3,4,6-Tetrachlorophenol	ND	18.2	16	88		13	72		40-140	21		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST

Project Number: 2172056

Lab Number: L2234415

Report Date: 07/21/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1657899-4 WG1657899-5 QC Sample: L2234415-02 Client ID: RIBW-01R												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	108		82		10-120
2-Fluorobiphenyl	73		65		15-120
2-Fluorophenol	67		59		21-120
4-Terphenyl-d14	87		65		41-149
Nitrobenzene-d5	80		73		23-120
Phenol-d6	56		50		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST

Project Number: 2172056

Lab Number: L2234415

Report Date: 07/21/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,04 QC Batch ID: WG1659669-3 WG1659669-4 QC Sample: L2234415-02 Client ID: RIBW-01R												
Perfluorobutanoic Acid (PFBA)	17.8	38	54.7	97		54.4	100		67-148	1		30
Perfluoropentanoic Acid (PFPeA)	6.49	38	43.8	98		41.9	96		63-161	4		30
Perfluorobutanesulfonic Acid (PFBS)	ND	33.7	33.2	98		32.3	99		65-157	3		30
Perfluorohexanoic Acid (PFHxA)	2.31	38	39.0	97		39.3	101		69-168	1		30
Perfluoroheptanoic Acid (PFHpA)	0.317J	38	37.2	97		38.0	102		58-159	2		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	34.7	39.2	113		38.9	116		69-177	1		30
Perfluorooctanoic Acid (PFOA)	ND	38	40.0	105		38.0	103		63-159	5		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	36.1	37.9	105		38.5	110		49-187	2		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	36.2	34.2	94		38.9	111		61-179	13		30
Perfluorononanoic Acid (PFNA)	ND	38	39.6	104		37.3	101		68-171	6		30
Perfluorooctanesulfonic Acid (PFOS)	ND	35.2	35.9	102		39.0	114		52-151	8		30
Perfluorodecanoic Acid (PFDA)	ND	38	34.7	91		33.6	91		63-171	3		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	36.4	37.1	102		34.2	97		56-173	8		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	38	42.0	111		36.3	99		60-166	15		30
Perfluoroundecanoic Acid (PFUnA)	ND	38	40.6	107		36.6	100		60-153	10		30
Perfluorodecanesulfonic Acid (PFDS)	ND	36.7	29.2	80		27.5	77		38-156	6		30
Perfluorooctanesulfonamide (FOSA)	ND	38	40.7F	107		34.2F	93		46-170	17		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	38	38.0	100		36.9	100		45-170	3		30
Perfluorododecanoic Acid (PFDoA)	ND	38	38.2	101		34.8	95		67-153	9		30
Perfluorotridecanoic Acid (PFTrDA)	ND	38	39.8	105		38.6	105		48-158	3		30
Perfluorotetradecanoic Acid (PFTA)	ND	38	42.1	111		34.7	94		59-182	19		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST

Project Number: 2172056

Lab Number: L2234415

Report Date: 07/21/22

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

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,04 QC Batch ID: WG1659669-3 WG1659669-4 QC Sample: L2234415-02 Client ID: RIBW-01R

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	83		91		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	128		**164**	Q	14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	46		48		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	43		53		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	**54**	Q	66		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	70		81		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		77		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	71		85		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	77		89		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	50		58		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	39		53		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	70		90		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	69		85		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		13		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	78		78		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	73		90		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	70		84		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	70		81		70-131

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056

Lab Number: L2234415
Report Date: 07/21/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2234415-01A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-01B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-01C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-01D	Plastic 250ml unpreserved	A	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2234415-01E	Plastic 250ml unpreserved	A	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2234415-02A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-02A1	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-02A2	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-02B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-02B1	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-02B2	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-02C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-02C1	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-02C2	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-02D	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2234415-02D1	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2234415-02D2	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2234415-02E	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2234415-02E1	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2234415-02E2	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2234415-02F	Plastic 250ml unpreserved	A	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2234415-02F1	Plastic 250ml unpreserved	A	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2234415-02F2	Plastic 250ml unpreserved	A	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056

Lab Number: L2234415
Report Date: 07/21/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2234415-02G	Plastic 250ml unpreserved	A	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2234415-02G1	Plastic 250ml unpreserved	A	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2234415-02G2	Plastic 250ml unpreserved	A	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2234415-03A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-03B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-04A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-04B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-04C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2234415-04D	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2234415-04E	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2234415-04F	Plastic 250ml unpreserved	A	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2234415-04G	Plastic 250ml unpreserved	A	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 625 SOUTH GOODMAN ST
Project Number: 2172056
Lab Number: L2234415
Report Date: 07/21/22

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	625 SOUTH GOODMAN ST	**Lab Number:**	L2234415
Project Number:	2172056	**Report Date:**	07/21/22

GLOSSARY

Acronyms

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

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

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

EPA - Environmental Protection Agency.

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

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

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

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

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

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

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

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

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

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

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	625 SOUTH GOODMAN ST	**Lab Number:**	L2234415
Project Number:	2172056	**Report Date:**	07/21/22

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	625 SOUTH GOODMAN ST	**Lab Number:**	L2234415
Project Number:	2172056	**Report Date:**	07/21/22

Data Qualifiers

Identified Compounds (TICs).

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	625 SOUTH GOODMAN ST	**Lab Number:**	L2234415
Project Number:	2172056	**Report Date:**	07/21/22

REFERENCES

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

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 1

Date Rec'd in Lab: 6/29/22

ALPHA Job #: L2234415

Client Information
Client: LaBella
Address: 300 State Street
Rochester, NY 14614
Phone: 585-454-6110
Fax: abrett@LaBellaPC.com
Email: jfolger@LaBellaPC.com

Project Information
Project Name: 625 South Goodman St
Project Location: Rochester, NY
Project #: 2172056
(Use Project name as Project #) ☐
Project Manager: Alex Brett
ALPHAQuote #:

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

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

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

Billing Information
☒ Same as Client Info
PO # 2172056

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	CP-51+ TCL VOCs +TICs	CP-51 + TCL SVOCs +TICs	PFAS	Sample Specific Comments	Total Bottle
34415-01	MW-06R	6/28/22	10:05	water		x		x		5
02	RIBW-01R	"	11:15	"	"	x	x	x	MS/MSD Here	21
03	MW-04R	"	12:00	"	"	x				2
04	Dupe-20220628	"	—	"	"	x	x	x		7

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

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

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

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
	6/28/22 13:30	SECURE STORAGE AAL	6-28-22 13:30
RCunningham AAL	6-28-22 17:19	RCunningham AAL	6-28-22 17:19
SECURE STORAGE AAL	6-28-22 17:19		6/29/22 0045

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

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

ANALYTICAL REPORT

Lab Number:	L2234768
Client:	LaBella Associates, P.C. 105 N. Tioga Suite 200 Ithaca, NY 14850
ATTN:	Alexander Brett
Phone:	(585) 454-6110
Project Name:	625 SOUTH GOODMAN
Project Number:	2172056
Report Date:	07/21/22

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056

Lab Number: L2234768
Report Date: 07/21/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2234768-01	RIBW-02	WATER	ROCHESTER, NY	06/29/22 12:00	06/29/22

Project Name:	625 SOUTH GOODMAN	**Lab Number:**	L2234768
Project Number:	2172056	**Report Date:**	07/21/22

Case Narrative

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

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

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

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

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

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

Project Name:	625 SOUTH GOODMAN	**Lab Number:**	L2234768
Project Number:	2172056	**Report Date:**	07/21/22

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 07/21/22

ORGANICS

VOLATILES

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234768-01 D
Client ID: RIBW-02
Sample Location: ROCHESTER, NY

Date Collected: 06/29/22 12:00
Date Received: 06/29/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/09/22 14:30
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	ND		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	4.0		ug/l	2.0	0.64	4
Toluene	7.6	J	ug/l	10	2.8	4
Ethylbenzene	28		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	ND		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Trichloroethene	0.98	J	ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234768-01 D
Client ID: RIBW-02
Sample Location: ROCHESTER, NY
Date Collected: 06/29/22 12:00
Date Received: 06/29/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	40		ug/l	10	2.8	4
o-Xylene	30		ug/l	10	2.8	4
cis-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	ND		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Isopropylbenzene	11		ug/l	10	2.8	4
p-Isopropyltoluene	ND		ug/l	10	2.8	4
Naphthalene	360		ug/l	10	2.8	4
n-Propylbenzene	3.5	J	ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	8.0	J	ug/l	10	2.8	4
1,2,4-Trimethylbenzene	46		ug/l	10	2.8	4
Methyl Acetate	ND		ug/l	8.0	0.94	4
Cyclohexane	ND		ug/l	40	1.1	4
Freon-113	ND		ug/l	10	2.8	4
Methyl cyclohexane	ND		ug/l	40	1.6	4

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234768-01 D
Client ID: RIBW-02
Sample Location: ROCHESTER, NY
Date Collected: 06/29/22 12:00
Date Received: 06/29/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	515	J	ug/l			4
Unknown	170	J	ug/l			4
Unknown Aromatic	27.8	J	ug/l			4
Unknown Aromatic	46.7	J	ug/l			4
Unknown	19.1	J	ug/l			4
Unknown Aromatic	20.8	J	ug/l			4
Unknown	38.9	J	ug/l			4
Unknown	65.5	J	ug/l			4
Unknown Aromatic	62.0	J	ug/l			4
Unknown Naphthalene	18.8	J	ug/l			4
Unknown Aromatic	45.5	J	ug/l			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	117		70-130

Project Name: 625 SOUTH GOODMAN **Lab Number:** L2234768

Project Number: 2172056 **Report Date:** 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/09/22 09:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1661362-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 625 SOUTH GOODMAN **Lab Number:** L2234768

Project Number: 2172056 **Report Date:** 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/09/22 09:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1661362-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/09/22 09:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1661362-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1661362-3 WG1661362-4								
Methylene chloride	98		97		70-130	1		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	110		120		63-132	9		20
1,2-Dichloropropane	98		100		70-130	2		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	100		97		70-130	3		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	98		100		70-130	2		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	99		110		67-130	11		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	100		110		70-130	10		20
Bromoform	100		96		54-136	4		20
1,1,2,2-Tetrachloroethane	87		93		67-130	7		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	83		86		64-130	4		20
Bromomethane	63		75		39-139	17		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1661362-3 WG1661362-4								
Chloroethane	120		130		55-138	8		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	97		100		70-130	3		20
Trichloroethene	100		110		70-130	10		20
1,2-Dichlorobenzene	110		83		70-130	**28**	Q	20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	93		98		63-130	5		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	110		115		70-130	4		20
cis-1,2-Dichloroethene	97		100		70-130	3		20
Styrene	110		115		70-130	4		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	82		83		58-148	1		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	70		72		63-138	3		20
4-Methyl-2-pentanone	71		86		59-130	19		20
2-Hexanone	67		78		57-130	15		20
1,2-Dibromoethane	92		95		70-130	3		20
n-Butylbenzene	100		80		53-136	**22**	Q	20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	77		80		41-144	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1661362-3 WG1661362-4								
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	78		79		70-130	1		20
n-Propylbenzene	110		110		69-130	0		20
1,2,4-Trichlorobenzene	94		95		70-130	1		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
Methyl Acetate	76		81		70-130	6		20
Cyclohexane	100		110		70-130	10		20
Freon-113	110		120		70-130	9		20
Methyl cyclohexane	99		110		70-130	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		99		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	102		98		70-130
Dibromofluoromethane	96		102		70-130

SEMIVOLATILES

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234768-01
Client ID: RIBW-02
Sample Location: ROCHESTER, NY

Date Collected: 06/29/22 12:00
Date Received: 06/29/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/11/22 19:41
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/03/22 10:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	43.		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	83.		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234768-01
Client ID: RIBW-02
Sample Location: ROCHESTER, NY
Date Collected: 06/29/22 12:00
Date Received: 06/29/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	0.53	J	ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	40.		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234768-01
Client ID: RIBW-02
Sample Location: ROCHESTER, NY
Date Collected: 06/29/22 12:00
Date Received: 06/29/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	485	J	ug/l			1
Naphthalene, 1-methyl-	16.5	NJ	ug/l			1
Unknown Naphthalene	47.8	J	ug/l			1
Unknown Benzene	13.4	J	ug/l			1
Unknown Benzene	15.0	J	ug/l			1
Indane	66.3	NJ	ug/l			1
Unknown	11.3	J	ug/l			1
Unknown PAH	73.5	J	ug/l			1
Unknown Benzene	23.6	J	ug/l			1
Unknown Naphthalene	28.5	J	ug/l			1
Unknown Organic Acid	13.8	J	ug/l			1
Unknown	20.1	J	ug/l			1
Unknown Naphthalene	32.5	J	ug/l			1
Cyclic Octaatomic Sulfur	91.7	NJ	ug/l			1
Unknown Naphthalene	14.3	J	ug/l			1
Unknown Naphthalene	16.7	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	56		41-149

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234768-01
Client ID: RIBW-02
Sample Location: ROCHESTER, NY

Date Collected: 06/29/22 12:00
Date Received: 06/29/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/11/22 12:50
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/03/22 10:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	130	E	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	6.8		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	150	E	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.82		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.37		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.47		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.19		ug/l	0.10	0.01	1
Chrysene	0.62		ug/l	0.10	0.01	1
Acenaphthylene	4.0		ug/l	0.10	0.01	1
Anthracene	5.4		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.13		ug/l	0.10	0.01	1
Fluorene	76	E	ug/l	0.10	0.01	1
Phenanthrene	55		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.17		ug/l	0.10	0.01	1
Pyrene	4.4		ug/l	0.10	0.02	1
2-Methylnaphthalene	1.9		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 625 SOUTH GOODMAN **Lab Number:** L2234768

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234768-01 Date Collected: 06/29/22 12:00

Client ID: RIBW-02 Date Received: 06/29/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	59		41-149

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234768-01
Client ID: RIBW-02
Sample Location: ROCHESTER, NY

Date Collected: 06/29/22 12:00
Date Received: 06/29/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/15/22 23:20
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/07/22 06:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	10.5		ng/l	1.86	0.380	1
Perfluoropentanoic Acid (PFPeA)	1.66	J	ng/l	1.86	0.369	1
Perfluorobutanesulfonic Acid (PFBS)	1.78	J	ng/l	1.86	0.222	1
Perfluorohexanoic Acid (PFHxA)	1.05	J	ng/l	1.86	0.305	1
Perfluoroheptanoic Acid (PFHpA)	0.819	J	ng/l	1.86	0.210	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.86	0.350	1
Perfluorooctanoic Acid (PFOA)	0.689	J	ng/l	1.86	0.220	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.86	1.24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.86	0.640	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.86	0.290	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.86	0.469	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.86	0.283	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.86	0.603	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.242	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.912	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.540	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.86	0.748	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.346	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.86	0.304	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.86	0.231	1
PFOA/PFOS, Total	0.689	J	ng/l	1.86	0.220	1

Project Name: 625 SOUTH GOODMAN **Lab Number:** L2234768

Project Number: 2172056 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2234768-01 Date Collected: 06/29/22 12:00

Client ID: RIBW-02 Date Received: 06/29/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	90		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	86		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	83		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	88		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	113		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	97		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	53		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	75		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	55		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	58		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	56		22-136

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056

Lab Number: L2234768
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2234768-01 D
Client ID: RIBW-02
Sample Location: ROCHESTER, NY

Date Collected: 06/29/22 12:00
Date Received: 06/29/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/21/22 16:06
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/03/22 10:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	120		ug/l	0.50	0.07	5
Naphthalene	160		ug/l	0.50	0.24	5
Fluorene	76		ug/l	0.50	0.07	5

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/11/22 11:54
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/03/22 10:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1658507-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	2.2	J	ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/11/22 11:54
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/03/22 10:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1658507-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Tentatively Identified Compounds

Total TIC Compounds	64.7	J	ug/l
Unknown Alcohol	3.82	J	ug/l
Unknown	2.14	J	ug/l
Unknown	3.85	J	ug/l
Unknown	6.04	J	ug/l
Unknown	4.00	J	ug/l
Unknown Organic Acid	9.74	J	ug/l

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/11/22 11:54
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/03/22 10:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1658507-1					
Tentatively Identified Compounds					
Unknown	2.98	J	ug/l		
Unknown	3.45	J	ug/l		
Unknown Alcohol	7.93	J	ug/l		
Unknown	2.33	J	ug/l		
Unknown	2.87	J	ug/l		
Unknown Organic Acid	5.20	J	ug/l		
Unknown	5.31	J	ug/l		
Unknown	3.05	J	ug/l		
Unknown Siloxane	2.00	J	ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	26		10-120
4-Terphenyl-d14	58		41-149

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/14/22 11:27
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/03/22 10:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1658508-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.02	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/14/22 11:27
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/03/22 10:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1658508-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	41		23-120
2-Fluorobiphenyl	43		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	47		41-149

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 01:46
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/07/22 06:19

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01 Batch: WG1659669-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 01:46
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/07/22 06:19

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01 Batch: WG1659669-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	96		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	70		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	67		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	75		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	83		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	68		22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1658507-2 WG1658507-3								
Bis(2-chloroethyl)ether	62		62		40-140	0		30
3,3'-Dichlorobenzidine	49		54		40-140	10		30
2,4-Dinitrotoluene	62		63		48-143	2		30
2,6-Dinitrotoluene	60		62		40-140	3		30
4-Chlorophenyl phenyl ether	65		64		40-140	2		30
4-Bromophenyl phenyl ether	67		68		40-140	1		30
Bis(2-chloroisopropyl)ether	61		60		40-140	2		30
Bis(2-chloroethoxy)methane	65		66		40-140	2		30
Hexachlorocyclopentadiene	47		46		40-140	2		30
Isophorone	66		67		40-140	2		30
Nitrobenzene	61		63		40-140	3		30
NDPA/DPA	63		67		40-140	6		30
n-Nitrosodi-n-propylamine	66		66		29-132	0		30
Bis(2-ethylhexyl)phthalate	69		72		40-140	4		30
Butyl benzyl phthalate	77		78		40-140	1		30
Di-n-butylphthalate	64		62		40-140	3		30
Di-n-octylphthalate	70		71		40-140	1		30
Diethyl phthalate	67		67		40-140	0		30
Dimethyl phthalate	67		68		40-140	1		30
Biphenyl	68		68		40-140	0		30
4-Chloroaniline	53		53		40-140	0		30
2-Nitroaniline	62		64		52-143	3		30
3-Nitroaniline	53		56		25-145	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1658507-2 WG1658507-3								
4-Nitroaniline	60		62		51-143	3		30
Dibenzofuran	63		66		40-140	5		30
1,2,4,5-Tetrachlorobenzene	62		64		2-134	3		30
Acetophenone	70		70		39-129	0		30
2,4,6-Trichlorophenol	64		66		30-130	3		30
p-Chloro-m-cresol	70		69		23-97	1		30
2-Chlorophenol	61		62		27-123	2		30
2,4-Dichlorophenol	63		66		30-130	5		30
2,4-Dimethylphenol	54		55		30-130	2		30
2-Nitrophenol	63		65		30-130	3		30
4-Nitrophenol	63		62		10-80	2		30
2,4-Dinitrophenol	53		52		20-130	2		30
4,6-Dinitro-o-cresol	58		60		20-164	3		30
Phenol	52		50		12-110	4		30
2-Methylphenol	61		61		30-130	0		30
3-Methylphenol/4-Methylphenol	69		69		30-130	0		30
2,4,5-Trichlorophenol	67		68		30-130	1		30
Carbazole	74		72		55-144	3		30
Atrazine	94		93		40-140	1		30
Benzaldehyde	81		82		40-140	1		30
Caprolactam	37		36		10-130	3		30
2,3,4,6-Tetrachlorophenol	59		60		40-140	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1658507-2 WG1658507-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		57		21-120
Phenol-d6	51		50		10-120
Nitrobenzene-d5	62		66		23-120
2-Fluorobiphenyl	65		65		15-120
2,4,6-Tribromophenol	66		73		10-120
4-Terphenyl-d14	71		68		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1658508-2 WG1658508-3								
Acenaphthene	62		72		40-140	15		40
2-Chloronaphthalene	57		63		40-140	10		40
Fluoranthene	66		72		40-140	9		40
Hexachlorobutadiene	52		65		40-140	22		40
Naphthalene	56		69		40-140	21		40
Benzo(a)anthracene	65		73		40-140	12		40
Benzo(a)pyrene	65		73		40-140	12		40
Benzo(b)fluoranthene	67		80		40-140	18		40
Benzo(k)fluoranthene	68		73		40-140	7		40
Chrysene	63		74		40-140	16		40
Acenaphthylene	58		68		40-140	16		40
Anthracene	62		71		40-140	14		40
Benzo(ghi)perylene	66		77		40-140	15		40
Fluorene	65		68		40-140	5		40
Phenanthrene	64		73		40-140	13		40
Dibenzo(a,h)anthracene	69		79		40-140	14		40
Indeno(1,2,3-cd)pyrene	67		76		40-140	13		40
Pyrene	66		74		40-140	11		40
2-Methylnaphthalene	59		64		40-140	8		40
Pentachlorophenol	56		80		40-140	35		40
Hexachlorobenzene	70		90		40-140	25		40
Hexachloroethane	46		56		40-140	20		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1658508-2 WG1658508-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	46		55		21-120
Phenol-d6	44		50		10-120
Nitrobenzene-d5	55		63		23-120
2-Fluorobiphenyl	58		62		15-120
2,4,6-Tribromophenol	62		77		10-120
4-Terphenyl-d14	69		86		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01 Batch: WG1659669-2								
Perfluorobutanoic Acid (PFBA)	100		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	100		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	99		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	99		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	100		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	117		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	109		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	113		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	111		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	99		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	116		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	107		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	90		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	109		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	106		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	94		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	102		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	107		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	107		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	114		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	108		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 625 SOUTH GOODMAN

Project Number: 2172056

Lab Number: L2234768

Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01 Batch: WG1659669-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	76				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	94				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	74				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	27				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	68				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	78				22-136

Matrix Spike Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1659669-3 WG1659669-4 QC Sample: L2234415-02 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	17.8	38	54.7	97		54.4	100		67-148	1		30
Perfluoropentanoic Acid (PFPeA)	6.49	38	43.8	98		41.9	96		63-161	4		30
Perfluorobutanesulfonic Acid (PFBS)	ND	33.7	33.2	98		32.3	99		65-157	3		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	35.6	38.0	107		36.7	106		37-219	3		30
Perfluorohexanoic Acid (PFHxA)	2.31	38	39.0	97		39.3	101		69-168	1		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	35.8	35.1	98		34.2	99		52-156	3		30
Perfluoroheptanoic Acid (PFHpA)	0.317J	38	37.2	97		38.0	102		58-159	2		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	34.7	39.2	113		38.9	116		69-177	1		30
Perfluorooctanoic Acid (PFOA)	ND	38	40.0	105		38.0	103		63-159	5		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	36.1	37.9	105		38.5	110		49-187	2		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	36.2	34.2	94		38.9	111		61-179	13		30
Perfluorononanoic Acid (PFNA)	ND	38	39.6	104		37.3	101		68-171	6		30
Perfluorooctanesulfonic Acid (PFOS)	ND	35.2	35.9	102		39.0	114		52-151	8		30
Perfluorodecanoic Acid (PFDA)	ND	38	34.7	91		33.6	91		63-171	3		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	36.4	37.1	102		34.2	97		56-173	8		30
Perfluorononanesulfonic Acid (PFNS)	ND	36.5	31.9	87		33.5	95		48-150	5		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	38	42.0	111		36.3	99		60-166	15		30
Perfluoroundecanoic Acid (PFUnA)	ND	38	40.6	107		36.6	100		60-153	10		30
Perfluorodecanesulfonic Acid (PFDS)	ND	36.7	29.2	80		27.5	77		38-156	6		30
Perfluorooctanesulfonamide (FOSA)	ND	38	40.7F	107		34.2F	93		46-170	17		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	38	38.0	100		36.9	100		45-170	3		30
Perfluorododecanoic Acid (PFDoA)	ND	38	38.2	101		34.8	95		67-153	9		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1659669-3 WG1659669-4 QC Sample: L2234415-02 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	38	39.8	105		38.6	105		48-158	3		30
Perfluorotetradecanoic Acid (PFTA)	ND	38	42.1	111		34.7	94		59-182	19		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	83		91		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**165**	Q	**197**	Q	12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	128		**164**	Q	14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	46		48		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	43		53		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	**54**	Q	66		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	70		81		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		77		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	71		85		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	77		89		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	50		58		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	39		53		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	70		90		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	69		85		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		13		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	78		78		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	73		90		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	70		84		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	70		81		70-131

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056

Lab Number: L2234768
Report Date: 07/21/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2234768-01A	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2234768-01B	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2234768-01C	Vial HCl preserved	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2234768-01D	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2234768-01E	Plastic 250ml unpreserved	A	NA		2.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2234768-01F	Amber 250ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2234768-01G	Amber 250ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: 625 SOUTH GOODMAN
Project Number: 2172056
Lab Number: L2234768
Report Date: 07/21/22

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	625 SOUTH GOODMAN	**Lab Number:**	L2234768
Project Number:	2172056	**Report Date:**	07/21/22

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	625 SOUTH GOODMAN	**Lab Number:**	L2234768
Project Number:	2172056	**Report Date:**	07/21/22

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	625 SOUTH GOODMAN	**Lab Number:**	L2234768
Project Number:	2172056	**Report Date:**	07/21/22

Data Qualifiers

Identified Compounds (TICs).

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	625 SOUTH GOODMAN	**Lab Number:**	L2234768
Project Number:	2172056	**Report Date:**	07/21/22

REFERENCES

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

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

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

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

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

Page 1 of 1

Date Rec'd in Lab: 6/30/22

ALPHA Job #: L2234768

Client Information

Client: LaBella
Address: 300 State Street
Rochester, NY 14614
Phone: 585-454-6110
Fax: abrett@LaBellaPC.com
Email: jfolger@LaBellaPC.com

Project Information

Project Name: 625 South Goodman
Project Location: Rochester, NY
Project # 2172056
(Use Project name as Project #) ☐
Project Manager: Alex Brett
ALPHAQuote #:

Turn-Around Time

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

Deliverables

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

Regulatory Requirement

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

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+CP-51 VOCs +TICs	TCL+CP-51 SVOCs +TICs	PFAS					Sample Specific Comments	Total Bottle
34768-01	RIBW-02	6/29/22	12:00	water		X	X	X						7

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

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

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

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

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
	6/29/22 13:00	SECURE STORAGE AAL	6-29-22 13:00
SECURE STORAGE AAL	6-29-22 16:48	RCunningham AAL	6-29-22 16:48
RCunningham AAL	6-29-22 16:48		6/30/22 0100

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

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

ANALYTICAL REPORT

Lab Number:	L2235364
Client:	LaBella Associates, P.C. 105 N. Tioga Suite 200 Ithaca, NY 14850
ATTN:	Alexander Brett
Phone:	(585) 454-6110
Project Name:	625 SOUTH GOODMAN ST.
Project Number:	2172056
Report Date:	07/22/22

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Project Name: 625 SOUTH GOODMAN ST.
Project Number: 2172056

Lab Number: L2235364
Report Date: 07/22/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2235364-01	RIBW-03	WATER	ROCHESTER, NY	07/01/22 09:45	07/01/22
L2235364-02	MW-08R	WATER	ROCHESTER, NY	07/01/22 08:45	07/01/22
L2235364-03	FIELD BLANK	WATER	ROCHESTER, NY	07/01/22 09:15	07/01/22
L2235364-04	EQUIPMENT BLANK	WATER	ROCHESTER, NY	07/01/22 09:30	07/01/22
L2235364-05	TRIP BLANK	WATER	ROCHESTER, NY	07/01/22 09:40	07/01/22

Project Name:	625 SOUTH GOODMAN ST.	**Lab Number:**	L2235364
Project Number:	2172056	**Report Date:**	07/22/22

Case Narrative

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

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

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

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

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

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

Project Name:	625 SOUTH GOODMAN ST.	**Lab Number:**	L2235364
Project Number:	2172056	**Report Date:**	07/22/22

Case Narrative (continued)

Report Submission

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

Perfluorinated Alkyl Acids by Isotope Dilution

L2235364-01 and -02: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2235364-02: The sample was centrifuged and decanted prior to extraction due to sample matrix.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 07/22/22

ORGANICS

VOLATILES

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-01 Date Collected: 07/01/22 09:45
Client ID: RIBW-03 Date Received: 07/01/22
Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/13/22 22:18
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.57	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-01 Date Collected: 07/01/22 09:45

Client ID: RIBW-03 Date Received: 07/01/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.95	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds				
Total TIC Compounds	1.28	J	ug/l	1
Unknown	1.28	J	ug/l	1

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-01 Date Collected: 07/01/22 09:45

Client ID: RIBW-03 Date Received: 07/01/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	102		70-130

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-02 Date Collected: 07/01/22 08:45
Client ID: MW-08R Date Received: 07/01/22
Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/13/22 22:41
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	0.96	J	ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.93		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-02 Date Collected: 07/01/22 08:45

Client ID: MW-08R Date Received: 07/01/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	32		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	2.0	J	ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds				
Total TIC Compounds	7.82	J	ug/l	1
Disulfide, dimethyl	4.93	NJ	ug/l	1
Unknown	2.89	J	ug/l	1

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-02 Date Collected: 07/01/22 08:45

Client ID: MW-08R Date Received: 07/01/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	102		70-130

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-05 Date Collected: 07/01/22 09:40
Client ID: TRIP BLANK Date Received: 07/01/22
Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/13/22 21:55
Analyst: MV

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

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-05 Date Collected: 07/01/22 09:40

Client ID: TRIP BLANK Date Received: 07/01/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds				
Total TIC Compounds	1.70	J	ug/l	1
Unknown	1.70	J	ug/l	1

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-05 Date Collected: 07/01/22 09:40

Client ID: TRIP BLANK Date Received: 07/01/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	102		70-130

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/13/22 18:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,05 Batch: WG1663351-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/13/22 18:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,05 Batch: WG1663351-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/13/22 18:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,05 Batch: WG1663351-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST.
Project Number: 2172056
Lab Number: L2235364
Report Date: 07/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05 Batch: WG1663351-3 WG1663351-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	95		93		70-130	2		20
Carbon tetrachloride	91		89		63-132	2		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	83		83		63-130	0		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	93		87		70-130	7		20
Chlorobenzene	98		95		75-130	3		20
Trichlorofluoromethane	**61**	Q	**58**	Q	62-150	5		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		97		67-130	3		20
Bromodichloromethane	95		93		67-130	2		20
trans-1,3-Dichloropropene	97		96		70-130	1		20
cis-1,3-Dichloropropene	93		93		70-130	0		20
Bromoform	74		75		54-136	1		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	99		96		70-130	3		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	**25**	Q	**26**	Q	39-139	4		20
Vinyl chloride	98		91		55-140	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST.
Project Number: 2172056

Lab Number: L2235364
Report Date: 07/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05 Batch: WG1663351-3 WG1663351-4								
Chloroethane	63		59		55-138	7		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	81		80		70-130	1		20
1,2-Dichlorobenzene	95		96		70-130	1		20
1,3-Dichlorobenzene	96		96		70-130	0		20
1,4-Dichlorobenzene	94		94		70-130	0		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	98		96		70-130	2		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	82		79		36-147	4		20
Acetone	120		110		58-148	9		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	110		110		63-138	0		20
4-Methyl-2-pentanone	98		100		59-130	2		20
2-Hexanone	110		120		57-130	9		20
1,2-Dibromoethane	96		96		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	80		81		41-144	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST.
Project Number: 2172056
Lab Number: L2235364
Report Date: 07/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05 Batch: WG1663351-3 WG1663351-4								
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	91		92		70-130	1		20
n-Propylbenzene	120		110		69-130	9		20
1,2,4-Trichlorobenzene	89		88		70-130	1		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
Methyl Acetate	120		130		70-130	8		20
Cyclohexane	130		130		70-130	0		20
Freon-113	100		100		70-130	0		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		103		70-130
Toluene-d8	109		108		70-130
4-Bromofluorobenzene	116		117		70-130
Dibromofluoromethane	93		93		70-130

SEMIVOLATILES

Project Name: 625 SOUTH GOODMAN ST.
Lab Number: L2235364
Project Number: 2172056
Report Date: 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-01
Client ID: RIBW-03
Sample Location: ROCHESTER, NY

Date Collected: 07/01/22 09:45
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/15/22 23:53
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/07/22 06:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	218		ng/l	1.85	0.378	1
Perfluoropentanoic Acid (PFPeA)	634		ng/l	1.85	0.366	1
Perfluorobutanesulfonic Acid (PFBS)	0.726	J	ng/l	1.85	0.220	1
Perfluorohexanoic Acid (PFHxA)	245		ng/l	1.85	0.304	1
Perfluoroheptanoic Acid (PFHpA)	106		ng/l	1.85	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.85	0.348	1
Perfluorooctanoic Acid (PFOA)	7.66		ng/l	1.85	0.218	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.85	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.85	0.637	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.85	0.289	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.85	0.466	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.85	0.281	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.85	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.85	0.600	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.85	0.241	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.85	0.907	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.85	0.537	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.85	0.744	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.85	0.344	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.85	0.303	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.85	0.230	1
PFOA/PFOS, Total	7.66		ng/l	1.85	0.218	1

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-01 Date Collected: 07/01/22 09:45

Client ID: RIBW-03 Date Received: 07/01/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	87		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	71		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	79		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	75		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	77		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**152**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	97		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	93		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	128		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	39		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	57		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	11		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	37		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	48		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	55		22-136

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-02
Client ID: MW-08R
Sample Location: ROCHESTER, NY

Date Collected: 07/01/22 08:45
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/16/22 00:09
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/07/22 06:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	20.1		ng/l	1.82	0.371	1
Perfluoropentanoic Acid (PFPeA)	7.80		ng/l	1.82	0.360	1
Perfluorobutanesulfonic Acid (PFBS)	7.98	F	ng/l	1.82	0.216	1
Perfluorohexanoic Acid (PFHxA)	8.08		ng/l	1.82	0.298	1
Perfluoroheptanoic Acid (PFHpA)	2.62		ng/l	1.82	0.204	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.82	0.342	1
Perfluorooctanoic Acid (PFOA)	2.69		ng/l	1.82	0.214	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.14		ng/l	1.82	1.21	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.82	0.625	1
Perfluorononanoic Acid (PFNA)	1.09	J	ng/l	1.82	0.283	1
Perfluorooctanesulfonic Acid (PFOS)	2.89	F	ng/l	1.82	0.458	1
Perfluorodecanoic Acid (PFDA)	0.443	J	ng/l	1.82	0.276	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.82	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.82	0.589	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.82	0.236	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.82	0.890	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.82	0.527	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.82	0.730	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.82	0.338	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.82	0.297	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.82	0.225	1
PFOA/PFOS, Total	5.58		ng/l	1.82	0.214	1

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-02 Date Collected: 07/01/22 08:45

Client ID: MW-08R Date Received: 07/01/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	103		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	71		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	77		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	85		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**190**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	73		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	139		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	39		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	58		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	15		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	35		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	**47**	Q	48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	45		22-136

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-03
Client ID: FIELD BLANK
Sample Location: ROCHESTER, NY

Date Collected: 07/01/22 09:15
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/16/22 00:26
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/07/22 06:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.84	0.375	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.84	0.364	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.84	0.219	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.84	0.207	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.84	0.346	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.84	0.217	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.84	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.633	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.84	0.287	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.84	0.464	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.280	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.596	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.239	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.902	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.534	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.740	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.342	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.301	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.228	1
PFOA/PFOS, Total	ND		ng/l	1.84	0.217	1

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-03 Date Collected: 07/01/22 09:15

Client ID: FIELD BLANK Date Received: 07/01/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	95		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	106		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	115		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	115		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	108		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	115		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	75		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	51		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	69		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	83		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70		22-136

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-04
Client ID: EQUIPMENT BLANK
Sample Location: ROCHESTER, NY

Date Collected: 07/01/22 09:30
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/16/22 00:43
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/07/22 06:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.83	0.373	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.83	0.362	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.83	0.217	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.83	0.300	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.83	0.206	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.83	0.343	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.83	0.216	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.83	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.83	0.628	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.83	0.285	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.83	0.460	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.83	0.278	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.83	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.83	0.592	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.83	0.238	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.83	0.895	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.83	0.530	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.83	0.734	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.83	0.340	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.83	0.299	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.83	0.226	1
PFOA/PFOS, Total	ND		ng/l	1.83	0.216	1

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

SAMPLE RESULTS

Lab ID: L2235364-04 Date Collected: 07/01/22 09:30

Client ID: EQUIPMENT BLANK Date Received: 07/01/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	101		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	96		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	116		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	112		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	107		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	113		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	60		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	95		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	43		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	56		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	80		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76		22-136

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 01:46
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/07/22 06:19

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG1659669-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 625 SOUTH GOODMAN ST. **Lab Number:** L2235364

Project Number: 2172056 **Report Date:** 07/22/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/13/22 01:46
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/07/22 06:19

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG1659669-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	96		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	70		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	67		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	75		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	83		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	68		22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST.
Project Number: 2172056

Lab Number: L2235364
Report Date: 07/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 Batch: WG1659669-2								
Perfluorobutanoic Acid (PFBA)	100		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	100		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	99		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	99		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	100		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	117		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	109		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	113		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	111		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	99		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	116		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	107		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	90		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	109		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	106		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	94		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	102		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	107		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	107		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	114		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	108		-		59-182	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST.
Project Number: 2172056
Lab Number: L2235364
Report Date: 07/22/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 Batch: WG1659669-2

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	76				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	94				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	74				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	27				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	68				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	78				22-136

Matrix Spike Analysis
Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST.
Project Number: 2172056
Lab Number: L2235364
Report Date: 07/22/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1659669-3 WG1659669-4 QC Sample: L2234415-02 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	17.8	38	54.7	97		54.4	100		67-148	1		30
Perfluoropentanoic Acid (PFPeA)	6.49	38	43.8	98		41.9	96		63-161	4		30
Perfluorobutanesulfonic Acid (PFBS)	ND	33.7	33.2	98		32.3	99		65-157	3		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	35.6	38.0	107		36.7	106		37-219	3		30
Perfluorohexanoic Acid (PFHxA)	2.31	38	39.0	97		39.3	101		69-168	1		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	35.8	35.1	98		34.2	99		52-156	3		30
Perfluoroheptanoic Acid (PFHpA)	0.317J	38	37.2	97		38.0	102		58-159	2		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	34.7	39.2	113		38.9	116		69-177	1		30
Perfluorooctanoic Acid (PFOA)	ND	38	40.0	105		38.0	103		63-159	5		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	36.1	37.9	105		38.5	110		49-187	2		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	36.2	34.2	94		38.9	111		61-179	13		30
Perfluorononanoic Acid (PFNA)	ND	38	39.6	104		37.3	101		68-171	6		30
Perfluorooctanesulfonic Acid (PFOS)	ND	35.2	35.9	102		39.0	114		52-151	8		30
Perfluorodecanoic Acid (PFDA)	ND	38	34.7	91		33.6	91		63-171	3		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	36.4	37.1	102		34.2	97		56-173	8		30
Perfluorononanesulfonic Acid (PFNS)	ND	36.5	31.9	87		33.5	95		48-150	5		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	38	42.0	111		36.3	99		60-166	15		30
Perfluoroundecanoic Acid (PFUnA)	ND	38	40.6	107		36.6	100		60-153	10		30
Perfluorodecanesulfonic Acid (PFDS)	ND	36.7	29.2	80		27.5	77		38-156	6		30
Perfluorooctanesulfonamide (FOSA)	ND	38	40.7F	107		34.2F	93		46-170	17		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	38	38.0	100		36.9	100		45-170	3		30
Perfluorododecanoic Acid (PFDoA)	ND	38	38.2	101		34.8	95		67-153	9		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 625 SOUTH GOODMAN ST.
Project Number: 2172056
Lab Number: L2235364
Report Date: 07/22/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1659669-3 WG1659669-4 QC Sample: L2234415-02 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	38	39.8	105		38.6	105		48-158	3		30
Perfluorotetradecanoic Acid (PFTA)	ND	38	42.1	111		34.7	94		59-182	19		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	83		91		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**165**	Q	**197**	Q	12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	128		**164**	Q	14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	46		48		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	43		53		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	**54**	Q	66		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	70		81		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		77		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	71		85		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	77		89		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	50		58		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	39		53		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	70		90		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	69		85		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		13		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	78		78		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	73		90		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	70		84		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	70		81		70-131

Project Name: 625 SOUTH GOODMAN ST.
Project Number: 2172056

Lab Number: L2235364
Report Date: 07/22/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2235364-01A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2235364-01B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2235364-01C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2235364-01D	Plastic 250ml unpreserved	A	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2235364-01E	Plastic 250ml unpreserved	A	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2235364-02A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2235364-02B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2235364-02C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2235364-02D	Plastic 250ml unpreserved	A	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2235364-02E	Plastic 250ml unpreserved	A	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2235364-03A	Plastic 250ml unpreserved	A	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2235364-03B	Plastic 250ml unpreserved	A	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2235364-04A	Plastic 250ml unpreserved	A	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2235364-04B	Plastic 250ml unpreserved	A	NA		2.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2235364-05A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2235364-05B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 625 SOUTH GOODMAN ST.
Project Number: 2172056
Lab Number: L2235364
Report Date: 07/22/22

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	625 SOUTH GOODMAN ST.	**Lab Number:**	L2235364
Project Number:	2172056	**Report Date:**	07/22/22

GLOSSARY

Acronyms

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

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

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

EPA - Environmental Protection Agency.

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

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

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

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

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

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

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

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

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

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

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	625 SOUTH GOODMAN ST.	**Lab Number:**	L2235364
Project Number:	2172056	**Report Date:**	07/22/22

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	625 SOUTH GOODMAN ST.	**Lab Number:**	L2235364
Project Number:	2172056	**Report Date:**	07/22/22

Data Qualifiers

Identified Compounds (TICs).

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	625 SOUTH GOODMAN ST.	**Lab Number:**	L2235364
Project Number:	2172056	**Report Date:**	07/22/22

REFERENCES

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

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

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

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

CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430 Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 7/2/22

ALPHA Job #: L2235364 ~~L223564~~ (ET)

Project Information
- Project Name: 625 South Goodman St.
- Project Location: Rochester, NY #1
- Project # 2172056
- (Use Project name as Project #) ☐
- Project Manager: Alex Brett
- ALPHAQuote #:

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

H&A Information
- H&A Client: LaBella
- H&A Address: 300 State St, Rochester, NY 14614
- H&A Phone: 585-454-6110
- H&A Fax: abrett@LaBellaPC.com
- H&A Email: jfolger@LaBellaPC.com

Deliverables
- ☐ Email ☐ Fax
- ☐ EQuIS (1 File) ☒ EQuIS (4 File)
- ☐ Other: Cat B

Regulatory Requirements (Program/Criteria)
Note: Select State from menu & identify criteria.

Billing Information
- ☒ Same as Client Info
- PO # 2172056

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
- ☐ Done
- ☐ Lab to do

Preservation
- ☐ Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Depth	ANALYSIS: TCL+CP-51 VOCs +TICs	ANALYSIS: PFAS	Sample Specific Comments	Total Bottles
~~23564~~-01	RIBW-03	7/1/22	9:45	water	JB		X	X		5
35364 02	MW-08R	"	8:45	"	"		X	X		5
(ET) 03	Field Blank	"	9:15	"	"			X		2
04	Equipment Blank	"	9:30	"	"			X		2
05	Trip Blank	"	9:40	"	"		X			2

Container Type
Preservative

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	7/1/22 11:00	SECURE STORAGE AAL	7-1-22 11:00
SECURE STORAGE AAL	7/1/22 12:10	R Cunningham AAL	7/1/22 12:10
R Cunningham AAL	7/1/22 12:10		7/2/22 00:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2019-22-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 3 (1/7/2019)

ANALYTICAL REPORT

Lab Number:	L2269579
Client:	LaBella Associates, P.C. 105 N. Tioga Suite 200 Ithaca, NY 14850
ATTN:	Alexander Brett
Phone:	(585) 454-6110
Project Name:	625 GOODMAN SOUTH
Project Number:	2172056
Report Date:	01/10/23

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056

Lab Number: L2269579
Report Date: 01/10/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2269579-01	RIBW-03-1282022	WATER	ROCHESTER, NY	12/08/22 13:20	12/09/22
L2269579-02	MW-08R-1282022	WATER	ROCHESTER, NY	12/08/22 14:00	12/09/22
L2269579-03	TRIP BLANK-1272022	WATER	ROCHESTER, NY	12/07/22 00:00	12/09/22
L2269579-04	EB-01-1272022	WATER	ROCHESTER, NY	12/07/22 08:05	12/09/22
L2269579-05	EB-02-1282022	WATER	ROCHESTER, NY	12/08/22 09:00	12/09/22
L2269579-06	MW-06R-1272022	WATER	ROCHESTER, NY	12/07/22 14:50	12/09/22
L2269579-07	RIBW-01R-1272022	WATER	ROCHESTER, NY	12/07/22 16:25	12/09/22
L2269579-08	RIBW-02-1272022	WATER	ROCHESTER, NY	12/07/22 10:45	12/09/22
L2269579-09	DUPLICATE-1272022	WATER	ROCHESTER, NY	12/07/22 10:50	12/09/22

Project Name:	625 GOODMAN SOUTH	**Lab Number:**	L2269579
Project Number:	2172056	**Report Date:**	01/10/23

Case Narrative

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

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

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

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

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

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

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579
Project Number: 2172056 **Report Date:** 01/10/23

Case Narrative (continued)

Report Submission

January 10, 2023: This final report includes the results of all requested analyses.

December 23, 2022: This is a preliminary report.

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

Semivolatile Organics by SIM

The WG1722147-4/-5 MS/MSD recoveries, performed on L2269579-08, are outside the acceptance criteria for acenaphthene (0%/0%), naphthalene (0%/0%), and fluorene (0%/0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Perfluorinated Alkyl Acids by Isotope Dilution

L2269579-01: The sample was centrifuged and decanted prior to extraction due to sample matrix.

L2269579-01, -06 through -09, and WG1729717-3/-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2269579-02: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

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

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 01/10/23

ORGANICS

VOLATILES

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-01
Client ID: RIBW-03-1282022
Sample Location: ROCHESTER, NY
Date Collected: 12/08/22 13:20
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/16/22 01:47
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.2		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 625 GOODMAN SOUTH
Lab Number: L2269579
Project Number: 2172056
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-01
Client ID: RIBW-03-1282022
Sample Location: ROCHESTER, NY
Date Collected: 12/08/22 13:20
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.2	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/l	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-01 Date Collected: 12/08/22 13:20

Client ID: RIBW-03-1282022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	113		70-130

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-02
Client ID: MW-08R-1282022
Sample Location: ROCHESTER, NY

Date Collected: 12/08/22 14:00
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/16/22 02:08
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	2.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 625 GOODMAN SOUTH
Lab Number: L2269579
Project Number: 2172056
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-02
Client ID: MW-08R-1282022
Sample Location: ROCHESTER, NY
Date Collected: 12/08/22 14:00
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/l	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-02 Date Collected: 12/08/22 14:00

Client ID: MW-08R-1282022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	120		70-130

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-03
Client ID: TRIP BLANK-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 00:00
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/16/22 02:28
Analyst: MJV

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

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-03 Date Collected: 12/07/22 00:00

Client ID: TRIP BLANK-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds				
Total TIC Compounds	1.05	J	ug/l	1
Sulfur Dioxide	1.05	NJ	ug/l	1

Project Name: 625 GOODMAN SOUTH
Lab Number: L2269579
Project Number: 2172056
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-03
Client ID: TRIP BLANK-1272022
Sample Location: ROCHESTER, NY
Date Collected: 12/07/22 00:00
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	116		70-130

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-06
Client ID: MW-06R-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 14:50
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/16/22 02:49
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.6		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-06 Date Collected: 12/07/22 14:50

Client ID: MW-06R-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Tentatively Identified Compounds				
Total TIC Compounds	2.93	J	ug/l	1
Acenaphthene	2.93	NJ	ug/l	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-06 Date Collected: 12/07/22 14:50

Client ID: MW-06R-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	119		70-130

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-07
Client ID: RIBW-01R-1272022
Sample Location: ROCHESTER, NY
Date Collected: 12/07/22 16:25
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/16/22 03:10
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	9.6		ug/l	0.50	0.16	1
Toluene	5.5		ug/l	2.5	0.70	1
Ethylbenzene	28		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.6		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	17		ug/l	2.5	0.70	1
Trichloroethene	0.40	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-07
Client ID: RIBW-01R-1272022
Sample Location: ROCHESTER, NY
Date Collected: 12/07/22 16:25
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	14		ug/l	2.5	0.70	1
o-Xylene	18		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	6.2		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	4.5		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	18		ug/l	2.5	0.70	1
n-Propylbenzene	1.6	J	ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	1.6	J	ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	9.7		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-07 Date Collected: 12/07/22 16:25

Client ID: RIBW-01R-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	251	J	ug/l			1
Unknown	33.0	J	ug/l			1
Unknown	66.7	J	ug/l			1
Unknown Aromatic	8.24	J	ug/l			1
Unknown	16.8	J	ug/l			1
Unknown Aromatic	44.6	J	ug/l			1
Fluorene	8.69	NJ	ug/l			1
Dibenzofuran	12.8	NJ	ug/l			1
Acenaphthene	30.8	NJ	ug/l			1
Unknown	12.8	J	ug/l			1
Unknown Naphthalene	16.4	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	124		70-130

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-08 D
Client ID: RIBW-02-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 10:45
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/16/22 21:38
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	ND		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	6.3		ug/l	2.0	0.64	4
Toluene	9.6	J	ug/l	10	2.8	4
Ethylbenzene	33		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	ND		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Trichloroethene	ND		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-08 D Date Collected: 12/07/22 10:45

Client ID: RIBW-02-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	38		ug/l	10	2.8	4
o-Xylene	33		ug/l	10	2.8	4
cis-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	ND		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Isopropylbenzene	13		ug/l	10	2.8	4
p-Isopropyltoluene	ND		ug/l	10	2.8	4
Naphthalene	400		ug/l	10	2.8	4
n-Propylbenzene	4.0	J	ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	8.2	J	ug/l	10	2.8	4
1,2,4-Trimethylbenzene	48		ug/l	10	2.8	4
Methyl Acetate	ND		ug/l	8.0	0.94	4
Cyclohexane	ND		ug/l	40	1.1	4
Freon-113	ND		ug/l	10	2.8	4
Methyl cyclohexane	ND		ug/l	40	1.6	4

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-08 D Date Collected: 12/07/22 10:45

Client ID: RIBW-02-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	1160	J	ug/l			4
Unknown Aromatic	51.8	J	ug/l			4
Unknown Naphthalene	91.2	J	ug/l			4
Unknown Naphthalene	59.5	J	ug/l			4
Unknown Aromatic	64.4	J	ug/l			4
Unknown Aromatic	68.7	J	ug/l			4
Unknown Aromatic	96.8	J	ug/l			4
Unknown	75.6	J	ug/l			4
Unknown	133	J	ug/l			4
Acenaphthene	131	NJ	ug/l			4
Unknown Aromatic	390	J	ug/l			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	108		70-130

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-09 D
Client ID: DUPLICATE-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 10:50
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/16/22 21:17
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	ND		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	6.3		ug/l	2.0	0.64	4
Toluene	9.9	J	ug/l	10	2.8	4
Ethylbenzene	33		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	ND		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Trichloroethene	0.79	J	ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-09 D Date Collected: 12/07/22 10:50

Client ID: DUPLICATE-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	39		ug/l	10	2.8	4
o-Xylene	34		ug/l	10	2.8	4
cis-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	ND		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Isopropylbenzene	12		ug/l	10	2.8	4
p-Isopropyltoluene	ND		ug/l	10	2.8	4
Naphthalene	410		ug/l	10	2.8	4
n-Propylbenzene	3.8	J	ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	7.9	J	ug/l	10	2.8	4
1,2,4-Trimethylbenzene	48		ug/l	10	2.8	4
Methyl Acetate	ND		ug/l	8.0	0.94	4
Cyclohexane	ND		ug/l	40	1.1	4
Freon-113	ND		ug/l	10	2.8	4
Methyl cyclohexane	ND		ug/l	40	1.6	4

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-09 D
Client ID: DUPLICATE-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 10:50
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	1300	J	ug/l			4
Unknown	77.0	J	ug/l			4
Unknown Naphthalene	85.1	J	ug/l			4
Unknown	134	J	ug/l			4
Unknown Aromatic	98.3	J	ug/l			4
Unknown Naphthalene	54.7	J	ug/l			4
Indane	211	NJ	ug/l			4
Acenaphthene	123	NJ	ug/l			4
Unknown Aromatic	65.0	J	ug/l			4
Unknown Aromatic	388	J	ug/l			4
Unknown Aromatic	66.0	J	ug/l			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	112		70-130

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/15/22 20:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06-07 Batch: WG1724233-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/15/22 20:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06-07 Batch: WG1724233-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/15/22 20:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06-07 Batch: WG1724233-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	130		70-130

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/16/22 18:17
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1725375-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/16/22 18:17
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1725375-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/16/22 18:17
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1725375-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056

Lab Number: L2269579
Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-07 Batch: WG1724233-3 WG1724233-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	120		110		70-130	9		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	100		97		70-130	3		20
Dibromochloromethane	72		74		63-130	3		20
1,1,2-Trichloroethane	83		89		70-130	7		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	140		130		62-150	7		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	94		93		67-130	1		20
trans-1,3-Dichloropropene	72		73		70-130	1		20
cis-1,3-Dichloropropene	81		81		70-130	0		20
Bromoform	64		63		54-136	2		20
1,1,2,2-Tetrachloroethane	80		80		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	96		98		70-130	2		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	93		91		64-130	2		20
Bromomethane	56		56		39-139	0		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056

Lab Number: L2269579
Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-07 Batch: WG1724233-3 WG1724233-4								
Chloroethane	**160**	Q	**150**	Q	55-138	6		20
1,1-Dichloroethene	130		120		61-145	8		20
trans-1,2-Dichloroethene	110		120		70-130	9		20
Trichloroethene	100		99		70-130	1		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	90		92		63-130	2		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	110		110		58-148	0		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	92		87		63-138	6		20
4-Methyl-2-pentanone	83		84		59-130	1		20
2-Hexanone	74		74		57-130	0		20
1,2-Dibromoethane	86		86		70-130	0		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		98		70-130	2		20
1,2-Dibromo-3-chloropropane	75		62		41-144	19		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 625 GOODMAN SOUTH

Project Number: 2172056

Lab Number: L2269579

Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06-07 Batch: WG1724233-3 WG1724233-4								
Isopropylbenzene	97		95		70-130	2		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	96		94		70-130	2		20
n-Propylbenzene	100		98		69-130	2		20
1,2,4-Trichlorobenzene	110		100		70-130	10		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
Methyl Acetate	90		89		70-130	1		20
Cyclohexane	120		120		70-130	0		20
Freon-113	**140**	Q	130		70-130	7		20
Methyl cyclohexane	100		98		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	115		106		70-130
Toluene-d8	99		96		70-130
4-Bromofluorobenzene	88		87		70-130
Dibromofluoromethane	111		110		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056

Lab Number: L2269579
Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1725375-3 WG1725375-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	97		97		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	99		95		63-130	4		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	79		78		62-150	1		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	97		96		67-130	1		20
Bromodichloromethane	94		94		67-130	0		20
trans-1,3-Dichloropropene	99		95		70-130	4		20
cis-1,3-Dichloropropene	93		92		70-130	1		20
Bromoform	93		88		54-136	6		20
1,1,2,2-Tetrachloroethane	110		100		67-130	10		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		99		70-130	1		20
Chloromethane	120		120		64-130	0		20
Bromomethane	50		56		39-139	11		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1725375-3 WG1725375-4								
Chloroethane	82		81		55-138	1		20
1,1-Dichloroethene	82		80		61-145	2		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	97		97		70-130	0		20
1,2-Dichlorobenzene	100		98		70-130	2		20
1,3-Dichlorobenzene	110		99		70-130	11		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	99		97		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	120		140		58-148	15		20
Carbon disulfide	84		83		51-130	1		20
2-Butanone	120		120		63-138	0		20
4-Methyl-2-pentanone	110		110		59-130	0		20
2-Hexanone	110		110		57-130	0		20
1,2-Dibromoethane	100		100		70-130	0		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	100		92		41-144	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 625 GOODMAN SOUTH

Project Number: 2172056

Lab Number: L2269579

Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1725375-3 WG1725375-4								
Isopropylbenzene	110		97		70-130	13		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	100		98		70-130	2		20
n-Propylbenzene	110		100		69-130	10		20
1,2,4-Trichlorobenzene	110		100		70-130	10		20
1,3,5-Trimethylbenzene	110		99		64-130	11		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
Methyl Acetate	120		120		70-130	0		20
Cyclohexane	120		120		70-130	0		20
Freon-113	84		84		70-130	0		20
Methyl cyclohexane	99		98		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	105		103		70-130
4-Bromofluorobenzene	103		100		70-130
Dibromofluoromethane	98		97		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 625 GOODMAN SOUTH

Project Number: 2172056

Lab Number: L2269579

Report Date: 01/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 QC Batch ID: WG1725375-6 WG1725375-7 QC Sample: L2269579-08 Client ID: RIBW-02-1272022												
Methylene chloride	ND	40	40	100		39	98		70-130	3		20
1,1-Dichloroethane	ND	40	45	113		44	110		70-130	2		20
Chloroform	ND	40	39	98		39	98		70-130	0		20
Carbon tetrachloride	ND	40	39	98		36	90		63-132	8		20
1,2-Dichloropropane	ND	40	43	108		42	105		70-130	2		20
Dibromochloromethane	ND	40	36	90		35	88		63-130	3		20
1,1,2-Trichloroethane	ND	40	38	95		39	98		70-130	3		20
Tetrachloroethene	ND	40	39	98		37	92		70-130	5		20
Chlorobenzene	ND	40	39	98		38	95		75-130	3		20
Trichlorofluoromethane	ND	40	32	80		31	78		62-150	3		20
1,2-Dichloroethane	ND	40	39	98		38	95		70-130	3		20
1,1,1-Trichloroethane	ND	40	39	98		38	95		67-130	3		20
Bromodichloromethane	ND	40	36	90		36	90		67-130	0		20
trans-1,3-Dichloropropene	ND	40	34	85		34	85		70-130	0		20
cis-1,3-Dichloropropene	ND	40	34	85		33	82		70-130	3		20
Bromoform	ND	40	31	78		31	78		54-136	0		20
1,1,2,2-Tetrachloroethane	ND	40	36	90		36	90		67-130	0		20
Benzene	6.3	40	47	102		46	99		70-130	2		20
Toluene	9.6J	40	49	123		48	120		70-130	2		20
Ethylbenzene	33	40	73	100		69	90		70-130	6		20
Chloromethane	ND	40	48	120		46	115		64-130	4		20
Bromomethane	ND	40	18	45		18	45		39-139	0		20
Vinyl chloride	ND	40	48	120		46	115		55-140	4		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 QC Batch ID: WG1725375-6 WG1725375-7 QC Sample: L2269579-08 Client ID: RIBW-02-1272022												
Chloroethane	ND	40	48	120		48	120		55-138	0		20
1,1-Dichloroethene	ND	40	33	82		33	82		61-145	0		20
trans-1,2-Dichloroethene	ND	40	44	110		42	105		70-130	5		20
Trichloroethene	ND	40	38	95		37	92		70-130	3		20
1,2-Dichlorobenzene	ND	40	37	92		36	90		70-130	3		20
1,3-Dichlorobenzene	ND	40	37	92		35	88		70-130	6		20
1,4-Dichlorobenzene	ND	40	37	92		36	90		70-130	3		20
Methyl tert butyl ether	ND	40	37	92		36	90		63-130	3		20
p/m-Xylene	38	80	120	103		110	90		70-130	9		20
o-Xylene	33	80	110	96		100	84		70-130	10		20
cis-1,2-Dichloroethene	ND	40	41	103		40	100		70-130	2		20
Styrene	ND	80	70	88		69	86		70-130	1		20
Dichlorodifluoromethane	ND	40	46	115		42	105		36-147	9		20
Acetone	ND	40	51	128		49	123		58-148	4		20
Carbon disulfide	ND	40	35	88		35	88		51-130	0		20
2-Butanone	ND	40	43	108		42	105		63-138	2		20
4-Methyl-2-pentanone	ND	40	38	95		39	98		59-130	3		20
2-Hexanone	ND	40	39	98		38	95		57-130	3		20
1,2-Dibromoethane	ND	40	37	92		37	92		70-130	0		20
n-Butylbenzene	ND	40	39	98		36	90		53-136	8		20
sec-Butylbenzene	ND	40	39	98		35	88		70-130	11		20
tert-Butylbenzene	ND	40	38	95		36	90		70-130	5		20
1,2-Dibromo-3-chloropropane	ND	40	35	88		35	88		41-144	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 QC Batch ID: WG1725375-6 WG1725375-7 QC Sample: L2269579-08 Client ID: RIBW-02-1272022												
Isopropylbenzene	13	40	51	95		47	85		70-130	8		20
p-Isopropyltoluene	ND	40	40	100		37	92		70-130	8		20
Naphthalene	400	40	450	125		440	100		70-130	2		20
n-Propylbenzene	4.0J	40	43	108		39	98		69-130	10		20
1,2,4-Trichlorobenzene	ND	40	41	103		40	100		70-130	2		20
1,3,5-Trimethylbenzene	8.2J	40	48	120		44	110		64-130	9		20
1,2,4-Trimethylbenzene	48	40	89	103		82	85		70-130	8		20
Methyl Acetate	ND	40	44	110		43	108		70-130	2		20
Cyclohexane	ND	40	50	125		44	110		70-130	13		20
Freon-113	ND	40	34	85		30	75		70-130	13		20
Methyl cyclohexane	ND	40	39J	98		34J	85		70-130	14		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		100		70-130
4-Bromofluorobenzene	101		99		70-130
Dibromofluoromethane	100		99		70-130
Toluene-d8	102		102		70-130

SEMIVOLATILES

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-01
Client ID: RIBW-03-1282022
Sample Location: ROCHESTER, NY

Date Collected: 12/08/22 13:20
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/07/23 11:42
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/04/23 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	260		ng/l	1.86	0.380	1
Perfluoropentanoic Acid (PFPeA)	606		ng/l	1.86	0.369	1
Perfluorobutanesulfonic Acid (PFBS)	0.898	JF	ng/l	1.86	0.222	1
Perfluorohexanoic Acid (PFHxA)	202		ng/l	1.86	0.306	1
Perfluoroheptanoic Acid (PFHpA)	67.8		ng/l	1.86	0.210	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.86	0.350	1
Perfluorooctanoic Acid (PFOA)	5.86		ng/l	1.86	0.220	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.86	1.24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.86	0.641	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.86	0.291	1
Perfluorooctanesulfonic Acid (PFOS)	0.842	JF	ng/l	1.86	0.469	1
Perfluorodecanoic Acid (PFDA)	0.596	J	ng/l	1.86	0.283	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.86	0.604	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.242	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.913	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.540	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.86	0.749	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.346	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.86	0.305	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.86	0.231	1
PFOA/PFOS, Total	6.70	J	ng/l	1.86	0.220	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-01 Date Collected: 12/08/22 13:20

Client ID: RIBW-03-1282022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	77		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	83		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	68		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	79		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	90		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**229**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	137		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	59		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	71		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	23		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	63		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	57		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		22-136

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-02
Client ID: MW-08R-1282022
Sample Location: ROCHESTER, NY

Date Collected: 12/08/22 14:00
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/07/23 11:58
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/04/23 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	41.8		ng/l	4.19	0.856	1
Perfluoropentanoic Acid (PFPeA)	66.2		ng/l	4.19	0.830	1
Perfluorobutanesulfonic Acid (PFBS)	2.17	JF	ng/l	4.19	0.499	1
Perfluorohexanoic Acid (PFHxA)	22.7		ng/l	4.19	0.688	1
Perfluoroheptanoic Acid (PFHpA)	2.74	J	ng/l	4.19	0.472	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	4.19	0.788	1
Perfluorooctanoic Acid (PFOA)	2.03	J	ng/l	4.19	0.495	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	4.19	2.79	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	4.19	1.44	1
Perfluorononanoic Acid (PFNA)	0.704	J	ng/l	4.19	0.654	1
Perfluorooctanesulfonic Acid (PFOS)	1.90	J	ng/l	4.19	1.06	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	4.19	0.637	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	4.19	2.54	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	4.19	1.36	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	4.19	0.545	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	4.19	2.06	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	4.19	1.22	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	4.19	1.68	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	4.19	0.780	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	4.19	0.686	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	4.19	0.520	1
PFOA/PFOS, Total	3.93	J	ng/l	4.19	0.495	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-02 Date Collected: 12/08/22 14:00

Client ID: MW-08R-1282022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	72		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	77		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	72		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	83		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	129		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	108		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	62		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	77		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	10		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	70		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67		22-136

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-04
Client ID: EB-01-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 08:05
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/07/23 12:15
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/04/23 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.87	0.382	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.87	0.371	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.87	0.223	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.87	0.307	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.87	0.211	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.87	0.352	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.87	0.221	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.87	1.25	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.87	0.645	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.87	0.292	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.87	0.472	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.87	0.285	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.87	1.14	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.87	0.607	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.87	0.244	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.87	0.918	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.87	0.543	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.87	0.753	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.87	0.348	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.87	0.307	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.87	0.232	1
PFOA/PFOS, Total	ND		ng/l	1.87	0.221	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-04 Date Collected: 12/07/22 08:05

Client ID: EB-01-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	98		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	117		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	101		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	111		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	102		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	95		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	73		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	24		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	80		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	87		22-136

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-05
Client ID: EB-02-1282022
Sample Location: ROCHESTER, NY

Date Collected: 12/08/22 09:00
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/07/23 12:31
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/04/23 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.81	0.370	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.81	0.359	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.81	0.216	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.81	0.297	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.81	0.204	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.81	0.341	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.81	0.214	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.81	1.21	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.81	0.624	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.81	0.283	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.81	0.457	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.81	0.276	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.81	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.81	0.587	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.81	0.236	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.81	0.888	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.81	0.526	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.81	0.729	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.81	0.337	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.81	0.296	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.81	0.225	1
PFOA/PFOS, Total	ND		ng/l	1.81	0.214	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-05 Date Collected: 12/08/22 09:00

Client ID: EB-02-1282022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	106		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	125		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	107		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	106		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	112		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	116		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	111		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	109		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	76		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	97		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	47		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	78		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	87		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	88		22-136

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-06
Client ID: MW-06R-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 14:50
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/07/23 12:48
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/04/23 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	66.0		ng/l	1.96	0.400	1
Perfluoropentanoic Acid (PFPeA)	9.12		ng/l	1.96	0.388	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.96	0.233	1
Perfluorohexanoic Acid (PFHxA)	5.08		ng/l	1.96	0.322	1
Perfluoroheptanoic Acid (PFHpA)	0.373	J	ng/l	1.96	0.221	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.96	0.369	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.96	0.232	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.96	1.31	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.96	0.675	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.96	0.306	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.96	0.494	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.96	0.298	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.96	1.19	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.96	0.636	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.96	0.255	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.96	0.961	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.96	0.569	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.96	0.789	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.96	0.365	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.96	0.321	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.96	0.243	1
PFOA/PFOS, Total	ND		ng/l	1.96	0.232	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-06 Date Collected: 12/07/22 14:50

Client ID: MW-06R-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	108		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	125		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	103		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	106		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	108		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**158**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	113		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	101		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	106		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	62		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	81		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	30		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	60		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	77		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		22-136

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-07
Client ID: RIBW-01R-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 16:25
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/15/22 07:28
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/12/22 09:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	8.0		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	53.		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-07 Date Collected: 12/07/22 16:25

Client ID: RIBW-01R-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	3.2	J	ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	0.70	J	ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	16.		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	64		41-149

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-07
Client ID: RIBW-01R-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 16:25
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/13/22 17:20
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 12/12/22 09:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	71		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	5.0		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	6.7		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.24		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	0.07	J	ug/l	0.10	0.01	1
Acenaphthylene	8.3		ug/l	0.10	0.01	1
Anthracene	4.0		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	60		ug/l	0.10	0.01	1
Phenanthrene	34		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	3.0		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.07	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-07 Date Collected: 12/07/22 16:25

Client ID: RIBW-01R-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	**125**	Q	10-120
4-Terphenyl-d14	67		41-149

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-07
Client ID: RIBW-01R-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 16:25
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/07/23 13:04
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/04/23 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	17.3		ng/l	1.98	0.403	1
Perfluoropentanoic Acid (PFPeA)	3.96		ng/l	1.98	0.391	1
Perfluorobutanesulfonic Acid (PFBS)	0.917	J	ng/l	1.98	0.235	1
Perfluorohexanoic Acid (PFHxA)	1.77	J	ng/l	1.98	0.324	1
Perfluoroheptanoic Acid (PFHpA)	0.538	J	ng/l	1.98	0.223	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.98	0.372	1
Perfluorooctanoic Acid (PFOA)	0.589	JF	ng/l	1.98	0.233	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.98	1.32	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.98	0.680	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.98	0.308	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.98	0.498	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.98	0.300	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.98	1.20	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.98	0.640	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.98	0.257	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.98	0.969	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.98	0.573	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.98	0.795	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.98	0.368	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.98	0.323	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.98	0.245	1
PFOA/PFOS, Total	0.589	J	ng/l	1.98	0.233	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-07 Date Collected: 12/07/22 16:25

Client ID: RIBW-01R-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**203**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	116		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	106		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	135		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	73		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	24		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		22-136

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-08
Client ID: RIBW-02-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 10:45
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/15/22 09:21
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/12/22 09:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	50.		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	92.		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-08 Date Collected: 12/07/22 10:45

Client ID: RIBW-02-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	0.59	J	ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	43.		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	67		41-149

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-08
Client ID: RIBW-02-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 10:45
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/13/22 17:37
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 12/12/22 09:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	160	E	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	4.2		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	180	E	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.25		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.07	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.08	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Chrysene	0.15		ug/l	0.10	0.01	1
Acenaphthylene	10		ug/l	0.10	0.01	1
Anthracene	3.1		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	97	E	ug/l	0.10	0.01	1
Phenanthrene	58		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	2.5		ug/l	0.10	0.02	1
2-Methylnaphthalene	5.8		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-08 Date Collected: 12/07/22 10:45

Client ID: RIBW-02-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	115		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	**145**	Q	10-120
4-Terphenyl-d14	76		41-149

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-08
Client ID: RIBW-02-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 10:45
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/07/23 13:21
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/04/23 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.11		ng/l	1.97	0.402	1
Perfluoropentanoic Acid (PFPeA)	1.73	J	ng/l	1.97	0.390	1
Perfluorobutanesulfonic Acid (PFBS)	2.63		ng/l	1.97	0.234	1
Perfluorohexanoic Acid (PFHxA)	1.51	J	ng/l	1.97	0.323	1
Perfluoroheptanoic Acid (PFHpA)	1.18	J	ng/l	1.97	0.222	1
Perfluorohexanesulfonic Acid (PFHxS)	0.457	JF	ng/l	1.97	0.370	1
Perfluorooctanoic Acid (PFOA)	1.22	J	ng/l	1.97	0.232	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.97	1.31	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.97	0.678	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.97	0.307	1
Perfluorooctanesulfonic Acid (PFOS)	0.753	JF	ng/l	1.97	0.497	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.97	0.300	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.97	1.19	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.97	0.638	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.97	0.256	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.97	0.966	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.97	0.572	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.97	0.792	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.97	0.366	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.97	0.322	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.97	0.244	1
PFOA/PFOS, Total	1.97	J	ng/l	1.97	0.232	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-08 Date Collected: 12/07/22 10:45

Client ID: RIBW-02-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	85		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**215**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	105		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	101		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	128		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	77		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	88		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	23		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	77		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74		22-136

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-08 D
Client ID: RIBW-02-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 10:45
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/23/22 12:17
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/12/22 09:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	250		ug/l	1.0	0.14	10
Naphthalene	260		ug/l	1.0	0.49	10
Fluorene	140		ug/l	1.0	0.14	10

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-09
Client ID: DUPLICATE-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 10:50
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/15/22 10:29
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/12/22 09:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	56.		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	99.		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	1.5	J	ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-09 Date Collected: 12/07/22 10:50

Client ID: DUPLICATE-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	0.65	J	ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	47.		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	69		41-149

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-09
Client ID: DUPLICATE-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 10:50
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/13/22 18:25
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 12/12/22 09:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	170	E	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	4.7		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	180	E	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.40		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.08	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.09	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Chrysene	0.15		ug/l	0.10	0.01	1
Acenaphthylene	11		ug/l	0.10	0.01	1
Anthracene	3.4		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	100	E	ug/l	0.10	0.01	1
Phenanthrene	65		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	2.8		ug/l	0.10	0.02	1
2-Methylnaphthalene	6.1		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 625 GOODMAN SOUTH
Lab Number: L2269579
Project Number: 2172056
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-09
Client ID: DUPLICATE-1272022
Sample Location: ROCHESTER, NY
Date Collected: 12/07/22 10:50
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	**144**	Q	10-120
4-Terphenyl-d14	76		41-149

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-09
Client ID: DUPLICATE-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 10:50
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/07/23 14:11
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/04/23 06:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.77		ng/l	1.97	0.402	1
Perfluoropentanoic Acid (PFPeA)	1.85	J	ng/l	1.97	0.391	1
Perfluorobutanesulfonic Acid (PFBS)	3.14		ng/l	1.97	0.235	1
Perfluorohexanoic Acid (PFHxA)	1.47	J	ng/l	1.97	0.324	1
Perfluoroheptanoic Acid (PFHpA)	1.17	J	ng/l	1.97	0.222	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.97	0.371	1
Perfluorooctanoic Acid (PFOA)	1.23	J	ng/l	1.97	0.233	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.97	1.31	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.97	0.679	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.97	0.308	1
Perfluorooctanesulfonic Acid (PFOS)	0.975	JF	ng/l	1.97	0.497	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.97	0.300	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.97	1.20	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.97	0.639	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.97	0.256	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.97	0.967	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.97	0.572	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.97	0.793	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.97	0.367	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.97	0.323	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.97	0.245	1
PFOA/PFOS, Total	2.21	J	ng/l	1.97	0.233	1

Project Name: 625 GOODMAN SOUTH **Lab Number:** L2269579

Project Number: 2172056 **Report Date:** 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-09 Date Collected: 12/07/22 10:50

Client ID: DUPLICATE-1272022 Date Received: 12/09/22

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	100		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	84		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**217**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	115		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	105		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	144		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	83		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	23		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	88		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	89		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	87		22-136

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

SAMPLE RESULTS

Lab ID: L2269579-09 D
Client ID: DUPLICATE-1272022
Sample Location: ROCHESTER, NY

Date Collected: 12/07/22 10:50
Date Received: 12/09/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/23/22 12:33
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/12/22 09:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	240		ug/l	1.0	0.14	10
Naphthalene	240		ug/l	1.0	0.49	10
Fluorene	140		ug/l	1.0	0.14	10

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/15/22 03:21
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/12/22 09:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-09 Batch: WG1722141-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/15/22 03:21
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/12/22 09:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-09 Batch: WG1722141-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	29		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	32		10-120
4-Terphenyl-d14	70		41-149

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/13/22 17:04
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 12/12/22 09:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 07-09 Batch: WG1722147-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/13/22 17:04
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 12/12/22 09:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 07-09 Batch: WG1722147-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	73		41-149

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/07/23 11:08
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/04/23 06:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-02,04-09 Batch: WG1729717-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/07/23 11:08
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/04/23 06:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-02,04-09 Batch: WG1729717-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	103		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	123		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	103		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	101		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	106		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	105		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	116		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	107		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	109		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	103		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	79		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	93		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	34		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	78		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	78		22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056

Lab Number: L2269579
Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-09 Batch: WG1722141-2 WG1722141-3								
Bis(2-chloroethyl)ether	50		49		40-140	2		30
3,3'-Dichlorobenzidine	**33**	Q	**35**	Q	40-140	6		30
2,4-Dinitrotoluene	63		61		48-143	3		30
2,6-Dinitrotoluene	61		58		40-140	5		30
4-Chlorophenyl phenyl ether	56		54		40-140	4		30
4-Bromophenyl phenyl ether	59		56		40-140	5		30
Bis(2-chloroisopropyl)ether	51		50		40-140	2		30
Bis(2-chloroethoxy)methane	55		52		40-140	6		30
Hexachlorocyclopentadiene	46		46		40-140	0		30
Isophorone	53		49		40-140	8		30
Nitrobenzene	53		52		40-140	2		30
NDPA/DPA	55		54		40-140	2		30
n-Nitrosodi-n-propylamine	53		53		29-132	0		30
Bis(2-ethylhexyl)phthalate	76		72		40-140	5		30
Butyl benzyl phthalate	67		68		40-140	1		30
Di-n-butylphthalate	67		62		40-140	8		30
Di-n-octylphthalate	68		66		40-140	3		30
Diethyl phthalate	60		57		40-140	5		30
Dimethyl phthalate	61		58		40-140	5		30
Biphenyl	60		58		40-140	3		30
4-Chloroaniline	**28**	Q	**31**	Q	40-140	10		30
2-Nitroaniline	62		60		52-143	3		30
3-Nitroaniline	48		46		25-145	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-09 Batch: WG1722141-2 WG1722141-3								
4-Nitroaniline	55		56		51-143	2		30
Dibenzofuran	54		53		40-140	2		30
1,2,4,5-Tetrachlorobenzene	55		54		2-134	2		30
Acetophenone	56		56		39-129	0		30
2,4,6-Trichlorophenol	70		66		30-130	6		30
p-Chloro-m-cresol	62		61		23-97	2		30
2-Chlorophenol	55		53		27-123	4		30
2,4-Dichlorophenol	61		57		30-130	7		30
2,4-Dimethylphenol	**12**	Q	**17**	Q	30-130	**34**	Q	30
2-Nitrophenol	66		62		30-130	6		30
4-Nitrophenol	63		62		10-80	2		30
2,4-Dinitrophenol	84		73		20-130	14		30
4,6-Dinitro-o-cresol	87		85		20-164	2		30
Phenol	43		39		12-110	10		30
2-Methylphenol	43		42		30-130	2		30
3-Methylphenol/4-Methylphenol	51		50		30-130	2		30
2,4,5-Trichlorophenol	64		63		30-130	2		30
Carbazole	59		58		55-144	2		30
Atrazine	79		75		40-140	5		30
Benzaldehyde	57		57		40-140	0		30
Caprolactam	36		31		10-130	15		30
2,3,4,6-Tetrachlorophenol	68		65		40-140	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 625 GOODMAN SOUTH

Project Number: 2172056

Lab Number: L2269579

Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-09 Batch: WG1722141-2 WG1722141-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	48		45		21-120
Phenol-d6	42		38		10-120
Nitrobenzene-d5	51		53		23-120
2-Fluorobiphenyl	54		51		15-120
2,4,6-Tribromophenol	64		66		10-120
4-Terphenyl-d14	60		60		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07-09 Batch: WG1722147-2 WG1722147-3								
Acenaphthene	72		65		40-140	10		40
2-Chloronaphthalene	72		64		40-140	12		40
Fluoranthene	84		75		40-140	11		40
Hexachlorobutadiene	56		51		40-140	9		40
Naphthalene	66		61		40-140	8		40
Benzo(a)anthracene	87		76		40-140	13		40
Benzo(a)pyrene	90		78		40-140	14		40
Benzo(b)fluoranthene	86		78		40-140	10		40
Benzo(k)fluoranthene	97		82		40-140	17		40
Chrysene	85		76		40-140	11		40
Acenaphthylene	76		70		40-140	8		40
Anthracene	81		72		40-140	12		40
Benzo(ghi)perylene	93		80		40-140	15		40
Fluorene	78		70		40-140	11		40
Phenanthrene	79		70		40-140	12		40
Dibenzo(a,h)anthracene	101		86		40-140	16		40
Indeno(1,2,3-cd)pyrene	99		88		40-140	12		40
Pyrene	84		77		40-140	9		40
2-Methylnaphthalene	68		64		40-140	6		40
Pentachlorophenol	131		121		40-140	8		40
Hexachlorobenzene	80		73		40-140	9		40
Hexachloroethane	60		55		40-140	9		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 625 GOODMAN SOUTH

Project Number: 2172056

Lab Number: L2269579

Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07-09 Batch: WG1722147-2 WG1722147-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		56		21-120
Phenol-d6	55		53		10-120
Nitrobenzene-d5	114		107		23-120
2-Fluorobiphenyl	71		66		15-120
2,4,6-Tribromophenol	99		102		10-120
4-Terphenyl-d14	82		73		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056

Lab Number: L2269579
Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,04-09 Batch: WG1729717-2								
Perfluorobutanoic Acid (PFBA)	112		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	105		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	115		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	109		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	111		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	125		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	114		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	113		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	102		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	118		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	109		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	119		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	113		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	116		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	104		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	105		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	112		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	123		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	123		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	106		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 625 GOODMAN SOUTH

Project Number: 2172056

Lab Number: L2269579

Report Date: 01/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,04-09 Batch: WG1729717-2

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	103				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	121				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	109				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	105				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	106				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	122				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	123				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	110				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	113				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	107				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	94				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	104				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	47				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	91				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	102				22-136

Matrix Spike Analysis
Batch Quality Control

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-09 QC Batch ID: WG1722141-4 WG1722141-5 QC Sample: L2269579-08 Client ID: RIBW-02-1272022												
Bis(2-chloroethyl)ether	ND	18.2	10	55		12	66		40-140	18		30
3,3'-Dichlorobenzidine	ND	18.2	2.1J	**12**	Q	2.7J	**15**	Q	40-140	25		30
2,4-Dinitrotoluene	ND	18.2	13	72		16	88		48-143	21		30
2,6-Dinitrotoluene	ND	18.2	11	61		13	72		40-140	17		30
4-Chlorophenyl phenyl ether	ND	18.2	10	55		12	66		40-140	18		30
4-Bromophenyl phenyl ether	ND	18.2	11	61		13	72		40-140	17		30
Bis(2-chloroisopropyl)ether	ND	18.2	10	55		12	66		40-140	18		30
Bis(2-chloroethoxy)methane	ND	18.2	11	61		13	72		40-140	17		30
Hexachlorocyclopentadiene	ND	18.2	8.8J	48		10.J	55		40-140	13		30
Isophorone	ND	18.2	10	55		12	66		40-140	18		30
Nitrobenzene	ND	18.2	13	72		16	88		40-140	21		30
NDPA/DPA	ND	18.2	11	61		13	72		40-140	17		30
n-Nitrosodi-n-propylamine	ND	18.2	11	61		13	72		29-132	17		30
Bis(2-ethylhexyl)phthalate	ND	18.2	14	77		17	94		40-140	19		30
Butyl benzyl phthalate	ND	18.2	13	72		15	83		40-140	14		30
Di-n-butylphthalate	ND	18.2	13	72		15	83		40-140	14		30
Di-n-octylphthalate	ND	18.2	13	72		16	88		40-140	21		30
Diethyl phthalate	ND	18.2	11	61		13	72		40-140	17		30
Dimethyl phthalate	ND	18.2	11	61		13	72		40-140	17		30
Biphenyl	50	18.2	62	66		74	130		40-140	18		30
4-Chloroaniline	ND	18.2	10	55		12	66		40-140	18		30
2-Nitroaniline	ND	18.2	12	66		15	83		52-143	22		30
3-Nitroaniline	ND	18.2	7.8	43		8.8	48		25-145	12		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 625 GOODMAN SOUTH

Project Number: 2172056

Lab Number: L2269579

Report Date: 01/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-09 QC Batch ID: WG1722141-4 WG1722141-5 QC Sample: L2269579-08 Client ID: RIBW-02-1272022												
4-Nitroaniline	ND	18.2	8.5	**47**	Q	10	55		51-143	16		30
Dibenzofuran	92	18.2	100	44		120	**150**	Q	40-140	18		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	11	61		13	72		2-134	17		30
Acetophenone	ND	18.2	13	72		15	83		39-129	14		30
2,4,6-Trichlorophenol	ND	18.2	14	77		16	88		30-130	13		30
p-Chloro-m-cresol	ND	18.2	12	66		14	77		23-97	15		30
2-Chlorophenol	ND	18.2	11	61		13	72		27-123	17		30
2,4-Dichlorophenol	ND	18.2	12	66		15	83		30-130	22		30
2,4-Dimethylphenol	ND	18.2	12	66		14	77		30-130	15		30
2-Nitrophenol	ND	18.2	13	72		16	88		30-130	21		30
4-Nitrophenol	ND	18.2	14	77		14	77		10-80	0		30
2,4-Dinitrophenol	ND	18.2	17.J	94		18.J	99		20-130	6		30
4,6-Dinitro-o-cresol	ND	18.2	16	88		18	99		20-164	12		30
Phenol	ND	18.2	9.5	52		11	61		12-110	15		30
2-Methylphenol	0.59J	18.2	11	61		14	77		30-130	24		30
3-Methylphenol/4-Methylphenol	ND	18.2	11	61		14	77		30-130	24		30
2,4,5-Trichlorophenol	ND	18.2	12	66		14	77		30-130	15		30
Carbazole	43	18.2	51	**44**	Q	62	100		55-144	19		30
Atrazine	ND	18.2	15	83		17	94		40-140	13		30
Benzaldehyde	ND	18.2	21	120		26	140		40-140	21		30
Caprolactam	ND	18.2	8.7J	48		10	55		10-130	14		30
2,3,4,6-Tetrachlorophenol	ND	18.2	14	77		16	88		40-140	13		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 625 GOODMAN SOUTH

Project Number: 2172056

Lab Number: L2269579

Report Date: 01/10/23

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-09 QC Batch ID: WG1722141-4 WG1722141-5 QC Sample: L2269579-08 Client ID: RIBW-02-1272022

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	76		84		10-120
2-Fluorobiphenyl	56		65		15-120
2-Fluorophenol	57		67		21-120
4-Terphenyl-d14	62		72		41-149
Nitrobenzene-d5	60		71		23-120
Phenol-d6	49		55		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07-09 QC Batch ID: WG1722147-4 WG1722147-5 QC Sample: L2269579-08 Client ID: RIBW-02-1272022												
Acenaphthene	160E	18.2	180	**0**	Q	220	**0**	Q	40-140	20		40
2-Chloronaphthalene	ND	18.2	13	72		15	83		40-140	14		40
Fluoranthene	4.2	18.2	20	87		23	100		40-140	14		40
Hexachlorobutadiene	ND	18.2	10	55		12	66		40-140	18		40
Naphthalene	180E	18.2	200	**0**	Q	240	**0**	Q	40-140	18		40
Benzo(a)anthracene	0.25	18.2	15	81		18	98		40-140	18		40
Benzo(a)pyrene	0.07J	18.2	15	83		18	99		40-140	18		40
Benzo(b)fluoranthene	0.08J	18.2	15	83		18	99		40-140	18		40
Benzo(k)fluoranthene	0.04J	18.2	16	88		17	94		40-140	6		40
Chrysene	0.15	18.2	14	76		16	87		40-140	13		40
Acenaphthylene	10	18.2	24	77		28	99		40-140	15		40
Anthracene	3.1	18.2	18	82		20	93		40-140	11		40
Benzo(ghi)perylene	ND	18.2	15	83		18	99		40-140	18		40
Fluorene	97E	18.2	120	**0**	Q	140	**0**	Q	40-140	15		40
Phenanthrene	58	18.2	78	110		92	**190**	Q	40-140	16		40
Dibenzo(a,h)anthracene	ND	18.2	16	88		19	100		40-140	17		40
Indeno(1,2,3-cd)pyrene	ND	18.2	16	88		18	99		40-140	12		40
Pyrene	2.5	18.2	18	85		21	100		40-140	15		40
2-Methylnaphthalene	5.8	18.2	18	67		22	89		40-140	20		40
Pentachlorophenol	ND	18.2	26	140		33	**180**	Q	40-140	24		40
Hexachlorobenzene	ND	18.2	14	77		17	94		40-140	19		40
Hexachloroethane	ND	18.2	14	77		17	94		40-140	19		40

Matrix Spike Analysis

Batch Quality Control

Project Name: 625 GOODMAN SOUTH

Project Number: 2172056

Lab Number: L2269579

Report Date: 01/10/23

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07-09 QC Batch ID: WG1722147-4 WG1722147-5 QC Sample: L2269579-08 Client ID: RIBW-02-1272022												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	**137**	Q	**153**	Q	10-120
2-Fluorobiphenyl	68		79		15-120
2-Fluorophenol	63		70		21-120
4-Terphenyl-d14	78		86		41-149
Nitrobenzene-d5	108		**124**	Q	23-120
Phenol-d6	60		68		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,04-09 QC Batch ID: WG1729717-3 WG1729717-4 QC Sample: L2269579-08 Client ID: RIBW-02-1272022												
Perfluorobutanoic Acid (PFBA)	8.11	39.4	46.4	97		50.9	107		67-148	9		30
Perfluoropentanoic Acid (PFPeA)	1.73J	39.4	38.0	92		41.6	99		63-161	9		30
Perfluorobutanesulfonic Acid (PFBS)	2.63	35	38.5	102		41.1	108		65-157	7		30
Perfluorohexanoic Acid (PFHxA)	1.51J	39.4	40.1	98		43.6	105		69-168	8		30
Perfluoroheptanoic Acid (PFHpA)	1.18J	39.4	40.6	100		44.0	107		58-159	8		30
Perfluorohexanesulfonic Acid (PFHxS)	0.457JF	36	41.3	113		44.6	120		69-177	8		30
Perfluorooctanoic Acid (PFOA)	1.22J	39.4	40.9	101		44.1	107		63-159	8		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	37.5	38.2	102		41.3	108		49-187	8		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	37.6	36.4	97		40.0	104		61-179	9		30
Perfluorononanoic Acid (PFNA)	ND	39.4	35.7	91		39.2	98		68-171	9		30
Perfluorooctanesulfonic Acid (PFOS)	0.753JF	36.6	41.0	110		42.8	113		52-151	4		30
Perfluorodecanoic Acid (PFDA)	ND	39.4	36.5	93		38.3	95		63-171	5		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	37.8	39.4	104		42.6	110		56-173	8		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	39.4	41.6	106		37.5	93		60-166	10		30
Perfluoroundecanoic Acid (PFUnA)	ND	39.4	42.2	107		44.6	111		60-153	6		30
Perfluorodecanesulfonic Acid (PFDS)	ND	38.1	36.6	96		37.0	95		38-156	1		30
Perfluorooctanesulfonamide (FOSA)	ND	39.4	37.3	95		41.1	102		46-170	10		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	39.4	36.4	92		38.2	95		45-170	5		30
Perfluorododecanoic Acid (PFDoA)	ND	39.4	40.7	103		45.9	114		67-153	12		30
Perfluorotridecanoic Acid (PFTrDA)	ND	39.4	39.6	100		39.2	98		48-158	1		30
Perfluorotetradecanoic Acid (PFTA)	ND	39.4	38.0	96		38.5	96		59-182	1		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 625 GOODMAN SOUTH

Project Number: 2172056

Lab Number: L2269579

Report Date: 01/10/23

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

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,04-09 QC Batch ID: WG1729717-3 WG1729717-4 QC Sample: L2269579-08 Client ID: RIBW-02-1272022

Surrogate (Extracted Internal Standard)	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	136		151		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**225**	Q	**247**	Q	14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	85		85		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	77		84		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		90		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	109		110		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		90		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94		98		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	104		104		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	84		83		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	84		82		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		102		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		102		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	25		25		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	107		111		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		105		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	116		119		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98		100		70-131

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056

Lab Number: L2269579
Report Date: 01/10/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2269579-01A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-01B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-01C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-01D	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2269579-01E	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2269579-02A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-02B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-02C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-02D	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2269579-03A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-03B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-04A	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2269579-05A	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2269579-06A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-06B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-06C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-06D	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2269579-06E	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2269579-07A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-07B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-07C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-07D	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)

*Values in parentheses indicate holding time in days

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056

Lab Number: L2269579
Report Date: 01/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2269579-07E	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2269579-07F	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2269579-07G	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2269579-08A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-08B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-08C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-08D	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-08E	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-08F	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-08G	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-08H	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-08I	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-08J	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2269579-08K	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2269579-08L	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2269579-08M	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2269579-08N	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2269579-08O	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2269579-08P	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2269579-08Q	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2269579-08R	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2269579-08S	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2269579-08T	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2269579-08U	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2269579-09A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-09B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-09C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2269579-09D	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)

*Values in parentheses indicate holding time in days

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056

Lab Number: L2269579
Report Date: 01/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2269579-09E	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(28)
L2269579-09F	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2269579-09G	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 625 GOODMAN SOUTH
Project Number: 2172056
Lab Number: L2269579
Report Date: 01/10/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	625 GOODMAN SOUTH	**Lab Number:**	L2269579
Project Number:	2172056	**Report Date:**	01/10/23

GLOSSARY

Acronyms

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

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

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

EPA - Environmental Protection Agency.

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

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

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

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

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

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

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

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

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

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

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	625 GOODMAN SOUTH	**Lab Number:**	L2269579
Project Number:	2172056	**Report Date:**	01/10/23

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	625 GOODMAN SOUTH	**Lab Number:**	L2269579
Project Number:	2172056	**Report Date:**	01/10/23

Data Qualifiers

Identified Compounds (TICs).

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	625 GOODMAN SOUTH	**Lab Number:**	L2269579
Project Number:	2172056	**Report Date:**	01/10/23

REFERENCES

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

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

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

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

JS 12/10

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 1

Date Rec'd in Lab: 12/10/22

ALPHA Job #: L2269579

Client Information
Client: LaBella Associates
Address: 300 State Street, Suit 201
Rochester, NY 14614
Phone: 585-454-6110
Fax:
Email: ABrett@labellapc.com

Project Information
Project Name: 625 Goodman South
Project Location: Rochester, NY
Project # 217 2056
(Use Project name as Project #) ☐
Project Manager: Alex Brett
ALPHAQuote #:

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

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

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

Billing Information
☒ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
cc: espirito@labellapc.com

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260 TCL+CP-51+TICs	PFAS 537	CP-51 SVOCs 8270						Sample Specific Comments	Total Bottle
69579-01	RIBW-03-1282022	12/8/22	13:20	GW	ES	X	X								5
-02	MW-08R-1282022	12/8/22	14:00	GW	ES	X	X							limited volume for PFAS -run if possible	4
-03	TripBlank-1272022	12/7/22	08:00	GW	ES	X									2
-04	EB-01-1272022	12/7/22	08:05	GW	ES		X								1
-05	EB-02-1282022	12/8/22	09:00	GW	ES		X								1
-06	MW-01OR-1272022	12/7/22	14:60	GW	ES	X	X								5
-07	RIBW-01R-1272022	12/7/22	16:25	GW	ES	X	X	X							7
-08	RIBW-02-1272022	12/7/22	10:45	GW	ES	X	X	X							7
-09	Duplicate-1272022	12/7/22	10:50	GW	ES	X	X	X							7
					ES										

Container Type	V	P	A					
Preservative	B	A	A					

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
Emily A Smith	12/9/22 13:30	SECURE STORAGE AAL	12/9/22 15:30
SECURE STORAGE AAL	12/9/22 16:50	RCunningham AAL	12/9/22 16:50
RCunningham AAL	12/9/22 16:50		12/10/22 0030

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

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

APPENDIX 2

Groundwater Sampling Logs

LaBella
Powered by partnership.

Project Name: NYSDEC BCP SITE NO. C828201
Location: 625 SOUTH GOODMAN ST.
Project No.: 2172056
Sampled By: J. Folger
Date: 7/1/2022
Weather:

WELL I.D.: MW-02R

WELL SAMPLING INFORMATION

Well Diameter:		Static Water Level:	19.28
Depth of Well:	19.45	Length of Well Screen:	
Measuring Point:	TOC	Depth to Top of Pump:	bottom
Pump Type:	PERISTALTIC	Tubing Type:	HDPE
Sample Analysis:	NA	Sample Time:	NA
Purge Start Time:	0900	Purge End Time:	0900

FIELD PARAMETE-R MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O_2 (mg/l)	Redox (mV)	Alkalinity (mg/l)	Iron (II) (mg/l)	Comments
		<0.3 ft	+/- 0.1	<0.3	+/- 3%	< 50	+ 10%	+/- 10 mV	Hach test kit	Hach test kit	
Dry											

Total NA Gallons Purged

OBSERVATIONS

Not enough water to collect parameters or sample

LaBella
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Project Name: NYSDEC BCP SITE NO. C828201
Location: 625 SOUTH GOODMAN ST.
Project No.: 2172056
Sampled By: J. Folger
Date: 6/28/2022
Weather:

WELL I.D.: MW-04R

WELL SAMPLING INFORMATION

Well Diameter:	2”	Static Water Level:	15.51
Depth of Well:	16.33	Length of Well Screen:	
Measuring Point:	TOC	Depth to Top of Pump:	bottom
Pump Type:	PERISTALTIC	Tubing Type:	HDPE
Sample Analysis:	VOCs	Sample Time:	1200
Purge Start Time:	1200	Purge End Time:	1200

FIELD PARAMETE-R MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O_2 (mg/l)	Redox (mV)	Alkalinity (mg/l)	Iron (II) (mg/l)	Comments
		<0.3 ft	+/- 0.1	<0.3	+/- 3%	< 50	+ 10%	+/- 10 mV	Hach test kit	Hach test kit	
1200	--	--	--	--	--	--	--	--	--	--	Insufficient water to fill flow cell

Total NA Gallons Purged

OBSERVATIONS

Not enough water to collect parameters.

LaBella
Powered by partnership.

Project Name: NYSDEC BCP SITE NO. C828201
Location: 625 SOUTH GOODMAN ST.
Project No.: 2172056
Sampled By: J. Folger
Date: 6/28/2022
Weather:

WELL I.D.: MW-06R

WELL SAMPLING INFORMATION

Well Diameter:	1''	Static Water Level:	17.93
Depth of Well:	19.67'	Length of Well Screen:	--
Measuring Point:	TOC	Depth to Top of Pump:	--
Pump Type:	Peristaltic	Tubing Type:	HDPE
Sample Analysis:	**VOCs, PFAS**	Sample Time:	10:05
Purge Start Time:	10:00	Purge End Time:	10:05

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O_2 (mg/l)	Redox (mV)	Alkalinity (mg/l)	Iron (II) (mg/l)	Comments
		<0.3 ft	+/- 0.1	<0.3	+/- 3%	< 50	+ 10%	+/- 10 mV	Hach test kit	Hach test kit	
10:00	start	--	-	-	-	-	-	-	-	-	Insufficient water to fill flow cell
10:05	Sample										

Total NA Gallons Purged

OBSERVATIONS

Not enough water to collect parameters.

LaBella
Powered by partnership.

Project Name: NYSDEC BCP SITE NO. C828201
Location: 625 SOUTH GOODMAN ST.
Project No.: 2172056
Sampled By: J. Folger
Date: 7/1/2022
Weather:

WELL I.D.: MW-08R

WELL SAMPLING INFORMATION

Well Diameter:		Static Water Level:	19.21
Depth of Well:	20.22	Length of Well Screen:	--
Measuring Point:	TOC	Depth to Top of Pump:	--
Pump Type:	Peristaltic	Tubing Type:	HDPE
Sample Analysis:	**VOCs, PFAS**	Sample Time:	0845
Purge Start Time:	0843	Purge End Time:	0845

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O_2 (mg/l)	Redox (mV)	Alkalinity (mg/l)	Iron (II) (mg/l)	Comments
		<0.3 ft	+/- 0.1	<0.3	+/- 3%	< 50	+ 10%	+/- 10 mV	Hach test kit	Hach test kit	
0845	sample	--	-	-	-	-	-	-	-	-	Insufficient water to fill flow cell

Total NA Gallons Purged

OBSERVATIONS

Not enough water to collect parameters.

LaBella
Powered by partnership.

Project Name: NYSDEC BCP SITE NO. C828201
Location: 625 SOUTH GOODMAN ST.
Project No.: 2172056
Sampled By: J. Folger
Date: 6/28/2022
Weather:

WELL I.D.: RIBW-01R

WELL SAMPLING INFORMATION

Well Diameter:	4”	Static Water Level:	19.31
Depth of Well:	26.69	Length of Well Screen:	--
Measuring Point:	TOC	Depth to Top of Pump:	--
Pump Type:	Peristaltic	Tubing Type:	HDPE
Sample Analysis:	**VOC, SVOC, PFAS**	Sample Time:	1115
Purge Start Time:	10:35	Purge End Time:	1115

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O_2 (mg/l)	Redox (mV)	Alkalinity (mg/l)	Iron (II) (mg/l)	Comments
		<0.3 ft	+/- 0.1	<0.3	+/- 3%	< 50	+ 10%	+/- 10 mV	Hach test kit	Hach test kit	
1040	--	17.94	7.12	10.4	3.201	9.09	0.90	-125.3	-	-	
1045	--	18.02	7.10	11.6	3.211	14.53	0.67	-133.1	-	-	
1050	--	18.00	7.11	11.5	3.213	15.54	0.51	-143.6	-	-	
1055	--	17.94	7.13	11.6	3.203	15.02	0.43	-153.7	-	-	
1100	--	17.94	7.13	11.6	3.204	14.98	0.40	-158.0	-	-	
1105	--	17.95	7.14	11.6	3.197	15.06	0.38	-165.5	-	-	
1110	--	18.02	7.15	11.7	3.195	14.21	0.39	-171.0	-	-	
1115	--	18.00	7.15	11.7	3.181	12.64	0.39	-173.8	-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	

Total 1.0 Gallons Purged

OBSERVATIONS

No NAPL oil water interface probe. DUPE-20220628 collected and MS/MSD collected

LaBella
Powered by partnership.

Project Name:	NYSDEC BCP SITE NO. C828201
Location:	625 SOUTH GOODMAN ST.
Project No.:	2172056
Sampled By:	J. Folger
Date:	6/29/2022
Weather:	

WELL I.D.: RIBW-02

WELL SAMPLING INFORMATION

Well Diameter:	4''	Static Water Level:	19.19
Depth of Well:	24.40	Length of Well Screen:	--
Measuring Point:	TOC	Depth to Top of Pump:	--
Pump Type:	Peristaltic	Tubing Type:	HDPE
Sample Analysis:	**VOC, SVOC, PFAS**	Sample Time:	1200
Purge Start Time:	1115	Purge End Time:	1200

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O_2 (mg/l)	Redox (mV)	Alkalinity (mg/l)	Iron (II) (mg/l)	Comments
		<0.3 ft	+/- 0.1	<0.3	+/- 3%	< 50	+ 10%	+/- 10 mV	Hach test kit	Hach test kit	
1120	--	19.54	7.00	12.1	1.452	39.42	1.58	-136.9	-	-	
1125	--	19.74	7.07	11.6	1.452	16.04	0.53	-173.1	-	-	
1130	--	19.83	7.11	11.5	1.437	10.91	0.44	-193.9	-	-	
1135	--	19.95	7.16	11.5	1.430	10.60	0.40	-217.8	-	-	
1140	--	20.01	7.17	11.6	1.419	0.62	0.40	-237.3	-	-	
1145	--	20.04	7.19	11.6	1.422	4.77	0.44	-251.2	-	-	
1150	--	20.09	7.20	11.5	1.426	5.12	0.47	-261.4	-	-	
1155	--	20.12	7.21	11.4	1.431	0.21	0.48	-271.3	-	-	
1200	--	20.18	7.21	11.4	1.436	0.36	0.51	-273.7	-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	

Total 1.0 Gallons Purged

OBSERVATIONS

No NAPL - measured with oil water interface probe.

LaBella
Powered by partnership.

Project Name: NYSDEC BCP SITE NO. C828201
Location: 625 SOUTH GOODMAN ST.
Project No.: 2172056
Sampled By: J. Folger
Date: 6/29/2022
Weather:

WELL I.D.: RIBW-03

WELL SAMPLING INFORMATION

Well Diameter:	4''	Static Water Level:	20.79
Depth of Well:	29.50	Length of Well Screen:	--
Measuring Point:	TOC	Depth to Top of Pump:	--
Pump Type:	Peristaltic	Tubing Type:	HDPE
Sample Analysis:	**VOC, PFAS**	Sample Time:	0945
Purge Start Time:	0905	Purge End Time:	0945

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O_2 (mg/l)	Redox (mV)	Alkalinity (mg/l)	Iron (II) (mg/l)	Comments
		<0.3 ft	+/- 0.1	<0.3	+/- 3%	< 50	+ 10%	+/- 10 mV	Hach test kit	Hach test kit	
0910		21.12	7.10	12.2	3.438	15.40	2.24	137.8	-	-	
0915		21.34	7.03	12.5	3.458	17.38	1.39	127.3	-	-	
0920		21.49	7.06	12.4	3.444	20.31	1.33	121.8	-	-	
0925		21.56	7.07	12.6	3.445	16.32	1.26	116.1	-	-	
0930		21.58	7.09	12.5	3.446	22.00	1.22	112.2	-	-	
0935		21.56	7.10	12.5	3.442	22.98	1.24	107.3	-	-	
0940		21.53	7.11	12.5	3.438	24.69	1.21	103.6	-	-	
0945		21.53	7.11	12.5	3.443	29.68	1.21	100.6	-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	

Total 1.0 Gallons Purged

OBSERVATIONS

LaBella
Powered by partnership.

Project Name:	NYSDEC BCP SITE NO. C828201
Location:	625 SOUTH GOODMAN ST.
Project No.:	2172056
Sampled By:	AGB
Date:	12/7/22
Weather:	40°F, Cloudy

WELL I.D.: MW-04R

WELL SAMPLING INFORMATION

Well Diameter:	2”	Static Water Level:	16.2
Depth of Well:	16.2	Length of Well Screen:	
Measuring Point:	TOC	Depth to Top of Pump:	16.2
Pump Type:	PERISTALTIC	Tubing Type:	HDPE
Sample Analysis:	–	Sample Time:	NA
Purge Start Time:	1700	Purge End Time:	1705

FIELD PARAMETE-R MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O_2 (mg/l)	Redox (mV)	Alkalinity (mg/l)	Iron (II) (mg/l)	Comments
		<0.3 ft	+/- 0.1	<0.3	+/- 3%	< 50	+ 10%	+/- 10 mV	Hach test kit	Hach test kit	
17:00	--	--	--	--	--	--	--	--	--	--	Well dry
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	

Total NA Gallons Purged

OBSERVATIONS

Well appears to be dry. Little moist silt in bottom. Water built up is curb box, A. Brett pumped water out of curb box and cleared out dirt around it closed well and protective casing

Project Name:	NYSDEC BCP SITE NO. C828201
Location:	625 SOUTH GOODMAN ST.
Project No.:	2172056
Sampled By:	AGB
Date:	12/7/2022
Weather:	40°F

WELL I.D.: MW-06R

WELL SAMPLING INFORMATION

Well Diameter:	1''	Static Water Level:	18.36
Depth of Well:	19.20'	Length of Well Screen:	--
Measuring Point:	TOC	Depth to Top of Pump:	~19
Pump Type:	Peristaltic	Tubing Type:	HDPE
Sample Analysis:	–	Sample Time:	14:50
Purge Start Time:	1420	Purge End Time:	1431

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O_2 (mg/l)	Redox (mV)	Alkalinity (mg/l)	Iron (II) (mg/l)	Comments
		<0.3 ft	+/- 0.1	<0.3	+/- 3%	< 50	+ 10%	+/- 10 mV	Hach test kit	Hach test kit	
14:20	start	--	-	-	-	-	-	-	-	-	
14:25	75ml/min	--	6.72	11.7	4.526	42.99	5.82	-43.4	-	-	
14:30	75ml/min	--	6.75	12.0	4.705	41.88	1.33	-54.6	-	-	
14:31	--	--	--	--	--	--	--	--	-	-	Well going dry. Pump off to recharge
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	

Total -- Gallons Purged

OBSERVATIONS

LaBella
Powered by partnership.

Project Name:	NYSDEC BCP SITE NO. C828201
Location:	625 SOUTH GOODMAN ST.
Project No.:	2172056
Sampled By:	AGB
Date:	12/7/2022
Weather:	40°F

WELL I.D.: RIBW-01R

WELL SAMPLING INFORMATION

Well Diameter:	4”	Static Water Level:	20.15
Depth of Well:	26.57	Length of Well Screen:	--
Measuring Point:	TOC	Depth to Top of Pump:	~23
Pump Type:	Peristaltic	Tubing Type:	HDPE
Sample Analysis:	–	Sample Time:	16:25
Purge Start Time:	15:45	Purge End Time:	16:25

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O_2 (mg/l)	Redox (mV)	Alkalinity (mg/l)	Iron (II) (mg/l)	Comments
		<0.3 ft	+/- 0.1	<0.3	+/- 3%	< 50	+ 10%	+/- 10 mV	Hach test kit	Hach test kit	
15:45	--	--	--	--	--	--	--	--	-	-	Pump started
15:50	--	20.38	6.80	12.5	3.049	3.32	1.39	-155.6	-	-	
15:55	--	20.32	6.81	12.8	3.056	17.80	0.83	-206.8	-	-	
16:00	--	20.17	6.81	12.6	3.062	9.56	0.67	-227.0	-	-	
16:05	--	20.00	6.81	12.7	3.051	2.82	0.61	-235.5	-	-	
16:10	--	20.90	6.81	12.8	3.056	2.38	0.57	-237.8	-	-	
16:15	--	20.83	6.81	12.8	3.058	2.09	0.55	-238.1	-	-	
16:20	--	20.89	6.81	12.8	3.055	2.27	0.54	-237.8	-	-	
16:25	--	20.89	6.81	12.8	3.050	2.39	0.56	-237.1	-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	

Total 1.5 Gallons Purged

OBSERVATIONS

No NAPL oil water interface probe. Sample at 16:25

LaBella
Powered by partnership.

Project Name:	NYSDEC BCP SITE NO. C828201
Location:	625 SOUTH GOODMAN ST.
Project No.:	2172056
Sampled By:	AGB
Date:	12/7/2022
Weather:	Overcast and 40's (°F)

WELL I.D.: RIBW-02

WELL SAMPLING INFORMATION

Well Diameter:	4''	Static Water Level:	19.69
Depth of Well:	24.40	Length of Well Screen:	--
Measuring Point:	TOC	Depth to Top of Pump:	~22
Pump Type:	Peristaltic	Tubing Type:	HDPE
Sample Analysis:	–	Sample Time:	10:45
Purge Start Time:	09:55	Purge End Time:	10:45

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O_2 (mg/l)	Redox (mV)	Alkalinity (mg/l)	Iron (II) (mg/l)	Comments
		<0.3 ft	+/- 0.1	<0.3	+/- 3%	< 50	+ 10%	+/- 10 mV	Hach test kit	Hach test kit	
09:55	--	--	--	--	--	--	--	--	-	-	Pump started
10:00	--	20.01	6.88	13.9	1.434	5.62	0.92	-133.8	-	-	Sulfur like odor
10:05	--	20.15	6.89	14.0	1.434	5.86	0.72	-142.4	-	-	
10:10	--	20.25	6.89	14.0	1.432	6.25	0.65	-162.7	-	-	
10:15	--	20.32	6.89	14.0	1.433	5.86	0.65	-192.8	-	-	
10:20	--	20.34	6.89	14.0	1.433	5.28	0.70	-203.2	-	-	
10:25	--	20.36	6.89	13.9	1.434	4.30	0.84	-213.7	-	-	
10:30	--	20.36	6.90	13.9	1.434	3.71	0.94	-214.6	-	-	
10:35	--	20.36	6.90	13.7	1.437	3.12	1.15	-213.9	-	-	
10:40	--	20.36	6.90	13.5	1.436	2.77	1.21	-213.7	-	-	
10:45	--	20.36	6.90	13.5	1.436	2.85	1.25	-213.7	-	-	
									-	-	
									-	-	
									-	-	
									-	-	

Total 1.65 Gallons Purged

OBSERVATIONS

No NAPL measured with oil water interface probe. MS/MSD duplicate collected @ 10:50. Regular sample collected at 10:45. Final static level 20.36

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Powered by partnership.

Project Name:	NYSDEC BCP SITE NO. C828201
Location:	625 SOUTH GOODMAN ST.
Project No.:	2172056
Sampled By:	E. Spirito
Date:	12/8/2022
Weather:	35°F, no precip.

WELL I.D.: RIBW-03

WELL SAMPLING INFORMATION

Well Diameter:	4''	Static Water Level:	21.03
Depth of Well:	29	Length of Well Screen:	--
Measuring Point:	TOC	Depth to Top of Pump:	25'
Pump Type:	Peristaltic	Tubing Type:	HDPE
Sample Analysis:	–	Sample Time:	--
Purge Start Time:	12:40	Purge End Time:	13:20

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Static Water Level	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O_2 (mg/l)	Redox (mV)	Alkalinity (mg/l)	Iron (II) (mg/l)	Comments
		<0.3 ft	+/- 0.1	<0.3	+/- 3%	< 50	+ 10%	+/- 10 mV	Hach test kit	Hach test kit	
12:40	60psi	--	6.85	11.2	3.789	910.73	1.86	89.3	-	-	
12:45		--	6.85	11.9	3.913	517.85	1.53	93.8	-	-	
12:50		--	6.84	12.4	3.933	180.23	1.39	97.9	-	-	
12:55		--	6.84	12.2	3.942	191.19	1.36	99.4	-	-	
13:00		--	6.84	12.2	3.934	180.44	1.33	100.5	-	-	
13:05		--	6.85	12.3	3.937	164.20	1.40	93.6	-	-	
13:10		--	6.85	12.2	3.928	127.70	1.34	87.3	-	-	
13:15		--	6.85	12.2	3.930	105.23	1.34	85.6	-	-	
13:20		--	6.85	12.2	3.930	105.47	1.33	86.6	-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	
									-	-	

Total -- Gallons Purged

OBSERVATIONS

Water appears much clear/more transparent/translucent than YSI turbidity sensor indicates – bubbles in YSI spiking reading for turbidity

APPENDIX 3

Site Inspection Forms

LaBella
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300 STATE STREET, SUITE 201
ROCHESTER, NEW YORK 14614
PHONE: (585) 454-6110
FAX: (585-454-3066

MONITORING AND INJECTION WELL INSPECTION FORM

PROJECT NAME: NYSDEC BCP SITE NO. C828201
LOCTION: 625 SOUTH GOODMAN ST, NEW YORK
PROJECT NO.: 2172056
INSPECTED BY: A.G.B
DATE: 12/7/2022
WEATHER: 40'S (°F) CLOUDY

WELL ID	EVIDENCE OF DAMAGE	EVIDENCE OF FROST HEAVING	EVIDENCE OF CASING DAMAGE OR WEAR	LOCK IN PLACE	EVIDENCE OF WELL SUBSIDENCE	STANDING OR PONDING WATER	CORRECTIVE ACTION MEASURES TAKEN	COMMENTS
RIBW-02	NO	NO	NO	NO	NO	NO	NO	
MW-06	NO	NO	NO	NO	NO	NO	NO	
RIBW-01R	NO	NO	NO	NO	NO	NO	NO	
MW-04R	NO	NO	NO	NO	NO	YES	NO	Well curb box had standing water in it. A. Brett scraped built up dirt away from gasket where protective cassing top sits to prevent water infiltration
RIBW-03	NO	NO	NO	NO	NO	NO	NO	
MW-02R	NO	NO	NO	NO	NO	NO	NO	dry
MW-08R	NO	NO	NO	NO	NO	NO	NO	

LaBella
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300 STATE STREET, SUITE 201
ROCHESTER, NEW YORK 14614
PHONE: (585) 454-6110
FAX: (585-454-3066

SOIL COVER SYSTEM (OR CAP) INSPECTION FORM

PROJECT NAME: NYSDEC BCP SITE NO. C828201
LOCTION: 625 SOUTH GOODMAN ST, NEW YORK
PROJECT NO.: 2172056
INSPECTED BY: E.S.
DATE: 12/8/2022
WEATHER: 40°F

COVER TYPE	OVERALL CONDITION	ANY LOCATIONS REQUIRE REPAIR OR MAINTENANCE	PHOTOS TAKEN	COMMENTS
SOIL COVER*	GOOD	NO	YES	--
ASPHALT SURFACE	GOOD	NO	YES	--
CONCRETE SURFACE	GOOD	NO	YES	--
BUILDING SLAB	GOOD	NO	YES	--
Additional Notes				

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300 STATE STREET, SUITE 201
ROCHESTER, NEW YORK 14614
PHONE: (585) 454-6110
FAX: (585-454-3066

LNAPL INSPECTION FORM

PROJECT NAME: NYSDEC BCP SITE NO. C828201
LOCTION: 625 SOUTH GOODMAN ST, NEW YORK
PROJECT NO.: 2172056
INSPECTED BY: J. FOLGER
DATE: 6/28/2022
WEATHER: 60'S (°F) PARTLY CLOUDY

INSPECTION EVENT ANNUAL	WELL ID	DEVICE USED TO MEASURE LNAPL	LNAPL OBSERVED (Y/N)	ESTIMATED THICKNESS OF LNAPL LAYER [INCHES]	ABSORBENT SOCK INSTALLED (Y/N)	VACUUM TRUCK REQUIRED? (Y/N)	COMMENTS
6/28/2022	RIBW-01	OIL-WATER PROBE	NO	NA	NO	NO	
6/28/2022	RIBW-02	OIL-WATER PROBE	NO	NA	NO	NO	

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300 STATE STREET, SUITE 201
ROCHESTER, NEW YORK 14614
PHONE: (585) 454-6110
FAX: (585-454-3066

LNAPL INSPECTION FORM

PROJECT NAME: NYSDEC BCP SITE NO. C828201
LOCTION: 625 SOUTH GOODMAN ST, NEW YORK
PROJECT NO.: 2172056
INSPECTED BY: A.G.B
DATE: 12/7/2022
WEATHER: 40'S (°F) CLOUDY

INSPECTION EVENT ANNUAL	WELL ID	DEVICE USED TO MEASURE LNAPL	LNAPL OBSERVED (Y/N)	ESTIMATED THICKNESS OF LNAPL LAYER [INCHES]	ABSORBENT SOCK INSTALLED (Y/N)	VACUUM TRUCK REQUIRED? (Y/N)	COMMENTS
12/7/2022	RIBW-01	OIL-WATER PROBE	NO	NA	NO	NO	
12/7/2022	RIBW-02	OIL-WATER PROBE	NO	NA	NO	NO	

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300 STATE STREET, SUITE 201
ROCHESTER, NEW YORK 14614
PHONE: (585) 454-6110
FAX: (585-454-3066

SUB SLAB DEPRESSURIZATION SYSTEM INSPECTION FORM

PROJECT NAME: NYSDEC BCP SITE NO. C828201
LOCTION: 625 SOUTH GOODMAN ST, NEW YORK
PROJECT NO.: 2172056
INSPECTED BY: E.S.
DATE: 12/8/2022
WEATHER: 35°F

	COMPONENT			COMMENTS
		EAST SYSTEM	WEST SYSTEM	
	OPERATIONAL	YES	YES	
	VACUUM GAUGE READING (IN. H20)	0.5	0.7	
	ALARM CHECK	YES	YES	GOOD
	SSDS PIPING CHECK	YES	YES	GOOD CONDITION
	SSDS FAN CHECK	YES	YES	WORKING/GOOD
	CONDENSATE WATER CHECK	YES	YES	GOOD

APPENDIX 4

Institutional and Engineering Controls Certification Form

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

Site Details **Box 1**

Site No. C828201

Site Name Former Sherwood Shoe Company

Site Address: 625 South Goodman Street Zip Code: 14620
City/Town: Rochester
County: Monroe
Site Acreage: 1.798

Reporting Period: April 30, 2022 to April 30, 2023

	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? Restricted-Residential, 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

SITE NO. C828201 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
121.65-2-39	Highland Grove LLC	Landuse Restriction Ground Water Use Restriction Site Management Plan Soil Management Plan Monitoring Plan IC/EC Plan O&M Plan

Institutional Control

Imposition of an institutional control in the form of an environmental easement for the controlled property which will:

- Require the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- Allow the use and development of the controlled property for restricted residential as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- Restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH; and
- Require compliance with the Department approved Site Management Plan

Engineering and Institutional Controls: Imposition of an institutional control in the form of an environmental easement and a Site Management Plan, will be required. The remedy will achieve a Track 4 restricted residential cleanup at a minimum and will include an environmental easement, and site management plan.

Site Management Plan is required, which includes the following:

a. An Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:

Institutional Controls: The Environmental Easement.

Engineering Controls: The cover system and vapor mitigation.

This plan includes, but may not be limited to:

- An Excavation Work Plan which details the provisions for management of future excavations in areas of remaining contamination;
- A provision should redevelopment occur to ensure no soil exceeding protection of groundwater concentrations will remain below storm water retention basin or infiltration structures;
- Descriptions of the provisions of the environmental easement including any land use and groundwater restrictions;
- A provision that should a building foundation or building slab be removed in the future, a cover system consistent with that described in Paragraph 2 above will be placed in any areas where the upper two feet of exposed surface soil exceed the applicable soil cleanup objectives (SCOs);
- Provisions for the management and inspection of the identified engineering controls;
- Maintaining site access controls and Department notifications; and
- The steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. A Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:

- Monitoring of groundwater to assess the performance and effectiveness of the remedy; and
- A schedule of monitoring and frequency of submittals to the Department.

c. An Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, inspection, and reporting of any mechanical or physical components of the active vapor mitigation system(s). The plan includes, but is not limited to:

- Procedures for operating and maintaining the system(s); and

• Compliance inspections of the system(s) to ensure proper O&M as well as providing the data for any necessary reporting.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
121.65-2-39	Vapor Mitigation Cover System

Cover System: A site cover will be required to allow for restricted residential use of the site in areas where the upper two feet of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). Where a soil cover is to be used it will be a minimum of two feet of soil placed over a demarcation layer, with the upper six inches of soil of sufficient quality to maintain a vegetative layer. Soil cover material, including any fill material brought to the site, will meet the SCOs for cover material for the use of the site as set forth in 6 NYCRR Part 375-6.7(d). Substitution of other materials and components may be allowed where such components already exist or are a component of the tangible property to be placed as part of site redevelopment. Such components may include, but are not necessarily limited to: pavement, concrete, paved surface parking areas, sidewalks, building foundations and building slabs.

Vapor Mitigation: Any on-site buildings will be required to have a sub-slab depressurization system, or other acceptable measures, to mitigate the migration of vapors into the building from soil and/or groundwater.

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
☒	☐

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. C828201

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, STEVEN M. DIMARZO (print name) at 301 Exchange Boulevard Rochester NY 14608, (print business address)

am certifying as OWNER (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

May 26, 2023
Date

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 Dan Noll (print name) at LaBella Associates, D.P.C. 300 State Street, Rochester NY (print business address),

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

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
		6.2.2023

APPENDIX 5

Data Usability Summary Reports (DUSRs)

DATA USABILITY SUMMARY REPORT

for

LABELLA ASSOCIATES, P.C.

300 State Street

Rochester, NY 14614

SHERWOOD SHOE
Project 2172056
Aqueous Samples
SDG: L2234415
Sampled 06/28/22

VOLATILE ORGANICS, SEMIVOLATILE ORGANICS,
SEMIVOLATILES-SIM, PFAS,

MW-06R	(L2234415-01)
RIBW-01R	(L2234415-02)
MW-04R	(L2234415-03)
DUPE-20220628	(L2234415-04)

DATA ASSESSMENT

An ASP Category B data package containing analytical results for four program samples was received from Labella Associates, P.C. on 07Jun22. The deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from the Sherwood Shoe site, were identified by Chain of Custody documents and traceable through the work of Alpha Analytical, the laboratory contracted for analysis. Analyses, performed according to SW-846 methods, addressed determinations of volatile organics, semivolatile organics, semivolatiles-SIM and PFAS. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 07/2005. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP NO. HW-33A, Rev. #1, September 2016, Low/Medium Volatile Data Validation; SOP NO. HW-22, Rev.#5, December 2010, Validating Semivolatile Organic Compounds by GC/MS Method 8270D; and the laboratory's modifications to Method 1633, SOP No. 23528, Rev12, 2/22/2019, PFAS by SPE and LC/MS/MS Isotope Dilution) were used as a technical reference.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Results presenting a usable estimation of the conditions at the time of sampling have been flagged "J" or "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed strict QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly. DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature: James B. Baldwin Date: 27 Jun 23

James B. Baldwin
DATAVAL Inc.

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the time of sample collection. Samples must remain chilled to 4°C between the time of collection and the time of analysis. Acid preserved VOC samples must be analyzed within 14 days, unpreserved VOC samples within 7 days. The holding time for VOC soils is 14 days. Aqueous semivolatile organics, pesticide and PCB samples must be extracted within seven days of collection. Soils and PFAS samples must be extracted within 14 days. The extracts must then be analyzed within forty days of extraction. The holding times for cyanide and mercury samples are 14 and 28 days, respectively. Metals samples must be analyzed within six months.

This delivery group contained four aqueous samples that were collected from the Sherwood Shoe site, transferred to a laboratory courier, and delivered to the laboratory on 28Jun22. At the time of laboratory receipt, the sample cooler was found to be intact and properly chilled. A cooler temperature of 3.3°C was recorded at that time. Although not documented in the field custody record, checks made at the time of analysis verified that each VOC sample was properly stabilized at a pH<2.

VOLATILE ORGANICS

This group of acid preserved VOC samples was analyzed on 09Jul22. The program holding time limitations were satisfied.

Blanks

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks and trip blanks monitor sampling, sample transport, and sample storage activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

One method blank was analyzed with this group of samples. This blank produced acceptable chromatography and was free of targeted analyte contamination.

Although not found in the associated method blank, traces of acetone were detected in MW-04R. This concentration has been qualified as an estimation because low levels of acetone frequently represent laboratory artifacts. Acetone could not be removed from the sample report because it was not detected in the associated blank.

MS Tuning
Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of BFB was analyzed prior to each analytical sequence that contained samples from this program. An Instrument Performance Check Form is present for each BFB evaluation. The BFB tunes associated with this delivery group satisfied the program acceptance criteria.

Calibrations
Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibration for VOC was performed on 17Jun22. Standards of 0.19, 0.50, 2.0, 10, 30, 80, 120 and 200 µg/l were included. With the exception of trichloroethene, each analyte targeted by this program produced the required levels of instrument response and demonstrated an acceptable degree of linearity during this calibration. Trichloroethene standards, however, failed to produce the required levels of instrument response. The trichloroethene results from this project have been qualified as estimations based on this performance.

A calibration verification standard was analyzed on 09Jul22, prior to the 12-hour period of instrument operation that included samples from this program. When compared to the initial calibration, an unacceptable shift was observed in the instrument response of 1,4-dichlorobenzene (33%). Based on this performance, the 1,4-dichlorobenzene results from this project have been qualified as estimations. It is noted that the response of trichloroethene remained low during this check.

Surrogates
Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, based on the laboratory's in-house acceptance criteria. When compared to the program requirements, however, an acceptable recovery was reported for each surrogate addition to this group of samples.

Internal Standards
Internal standards are added to each sample, blank and calibration

standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal

standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of 2. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to this criteria, acceptable performance was demonstrated by the internal standard additions to each program sample.

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of measurement accuracy. A duplicate spiked aliquot provides a measurement of precision.

RIBW-01R was selected for matrix spiking. The entire list of targeted analytes was added to two aliquots of this sample. The recoveries reported from these spikes included low results for bromomethane (46%,50%), 4-methyl-2-pentanone (58%,68%), and 2-hexanone (55%,63%). The bromomethane (BRMANE), 4-methyl-2-pentanone, and 2-hexanone results from RIBW-01R have been qualified as estimations based on these indications of negative bias.

A pair of spiked blanks (LCS/LCSD) was also analyzed with this group of samples. These LCS samples produced low recoveries of 4-methyl-2-pentanone (66%,69%) and 2-hexanone (62%,61%). Based on these indications of negative bias, the 4-methyl-2-pentanone and 2-hexanone results from this project have been qualified as estimations.

Duplicates

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate sample of RIBW-01R was included in this delivery group. RIBW-01R and its duplicate produced results that differed by 3% or less. The program acceptance criteria was satisfied.

Reported Analytes

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print

outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were detected in this group of samples.

Based on the mass spectra references included in the raw data, the identification of the TIC reported from MW-04R has been corrected to indicate butane.

SEMIVOLATILE ORGANICS

This group of samples was extracted for SVOC analysis on 02Jul22 and the extracts were analyzed on 13Jul22. The program holding time requirements were satisfied.

Blanks
Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

One method blank was analyzed with this group of samples. Although this blank produced acceptable chromatography, it contained traces of bis(2-ethylhexyl)phthalate and ten Tentatively Identified Compounds (TIC). Bis(2-ethylhexyl)phthalate was also found in RIBW-01R. Bis(2-ethylhexyl)phthalate (PHTHALATE) is assumed to represent a laboratory artifact in this sample and should be interpreted as undetected. A detection limit equaling 3.0 µg/l should be assumed.

Although numerous TIC's were also found in RIBW-01R and DUPE-20220628, their fingerprint patterns did not match the pattern observed in the blank. It is noted, however, that the samples were not analyzed on the same chromatography system as the blank. Because these systems might produce different patterns, the TIC's found in RIBW-01R and DUPE-20220628 have been qualified as estimations.

MS Tuning
Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of DFTPP was analyzed prior to each analytical sequence that included samples from this program. An Instrument Performance Check Form is present for each DFTPP evaluation. The DFTPP tunes associated with this group of samples satisfied the program acceptance criteria.

Calibration
Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate,

quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibrations for SVOC were performed on 27Mar22 and 08Jul22. Concentrations of 0.2, 0.4, 1.0, 2.0, 3.0, 5.0, 10, 15 35 and 50 µg/ml were included. With the exception of 2,6-dinitrotoluene, bis(2-chloroethyl)ether and 2-methylphenol, each targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity on 27Mar22. Both program samples were associated with this calibration, and the 2,6-dinitrotoluene, bis(2-chloroethyl)ether and 2-methylphenol results from these samples have been qualified as estimations.

A calibration verification standard was analyzed on 12Jul22. When compared to the initial calibration, unacceptable shifts were observed in the instrument response of response of 2-nitrophenol, 2,6-dinitrotoluene, 2,4-dinitrotoluene, 4,6-dinitro-o-cresol and N-nitroso-di-n-propylamine. Based on this performance, the 2-nitrophenol, 2,6-dinitrotoluene, 2,4-dinitrotoluene, 4,6-dinitro-o-cresol and N-nitroso-di-n-propylamine results from both program samples have been qualified as estimations.

Surrogates

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, based on the laboratory's statistical acceptance criteria. When compared to the project requirements, however, an acceptable recovery was reported for each surrogate addition to this group of samples.

Internal Standards

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, acceptable performance was indicated for the internal standard additions to each program sample.

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentra-

tions to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

RIBW-01R was selected for matrix spiking. The entire list of targeted analytes was added to two aliquots of this sample. The recoveries reported for these spikes included low results for 3,3'-dichlorobenzidine (23%), dibenzofuran (33%,0%) and carbazole (39%). The 3,3'-dichlorobenzidine, dibenzofuran and carbazole results from RIBW-01R have been qualified as estimations based on these indications of negative bias.

A pair of spiked blanks (LCS/LCSD) was also analyzed with this group of samples. The recoveries reported from these LCS samples included low results for 2,4-dinitrophenol (0%,38%), 4,6-dinitro-o-cresol (28%), caprolactam (25%,28%) and 2,3,4,6-tetrachlorophenol (39%). The 2,4-dinitrophenol, 4,6-dinitro-o-cresol, caprolactam and 2,3,4,6-tetrachloro-phenol results from this project have been qualified as estimations based on these indications of negative bias.

Duplicates
Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate sample of RIBW-01R was included in this delivery group. RIBW-01R and its duplicate produced results that differed by 10% or less. The program requirement was satisfied.

Reported Analytes
Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print outs. Mass spectra references were included in the raw data to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were reported.

SEMIVOLATILE ORGANICS-SIM

This group of samples was extracted for SVOC-SIM analysis on 02Jul22 and the extracts were analyzed on 11Jul22 and 20Jul22. The program holding time requirements were satisfied.

Blanks
Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks

are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

Although this blank produced acceptable chromatography, it contained traces of nine targeted analytes. The presence of these artifacts, however, warrants no concern. When present in program samples, these analytes exceeded the range requiring data qualifications.

MS Tuning

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of DFTPP was analyzed prior to each analytical sequence that included samples from this program. An Instrument Performance Check Form is present for each DFTPP evaluation. The DFTPP tunes associated with this program satisfied the program acceptance criteria.

One exception is noted. The ASP limits of acceptance for m/e=51 are 30-60. The 20Jul22 Tune produced a m/e=51 result of 65%. It is assumed, however, that this result, alone, would not have a significant impact on reported data. Data has been left unqualified.

Calibration

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibrations for SVOC-SIM were performed on 09Feb22 and 08Mar22. Standards of 20, 10, 5.0, 1.0, 0.25, 0.10, 0.05, 0.025 and 0.010 µg/ml were included. The analytes targeted by this program demonstrated an acceptable degree of linearity during these calibrations.

Calibration verification standards were analyzed on 05Jul22, 11Jul22 and 20Jul22, prior to the 12-hour periods of instrument operation that included samples from this program. When compared to the initial calibration, each of these check standards demonstrated an acceptable level of instrument stability.

Surrogates

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, based on the laboratory's statistical acceptance criteria. When compared to the program requirements, however, an acceptable recovery was reported for each surrogate addition to both program samples.

Internal Standards

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, acceptable performance was indicated for the internal standard additions to each program sample.

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

RIBW-01R was selected for matrix spiking. The entire list of targeted analytes was added to two aliquots of this sample. The recoveries reported from these spikes included low results for acenaphthene (0%), naphthalene (39%) and fluorene (22%). The acenaphthene, naphthalene and fluorene results from RIBW-01R have been qualified as estimations based on these indications of negative bias.

A pair of spiked blanks (LCS/LCSD) was also analyzed with this group of samples. The results reported from these LCS samples included low recoveries of pentachlorophenol (21%,36%). The pentachlorophenol (CL5PHENOL) results from both program samples have been qualified as estimations based on these indications of negative bias.

Duplicates

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate sample of RIBW-01R was included in this delivery group. RIBW-01R and its duplicate produced results that differed by 20% or less. The program requirement was satisfied.

Reported Analytes
Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print outs. Mass spectra references were included in the raw data to confirm the identification of each analyte that was detected in this group of samples.

PFAS ORGANICS

This group of samples was extracted for PFAS analysis on 07Jul22 and the extracts were analyzed on 13Jul22 and 15Jul22. The program holding time limitations were satisfied.

Blanks
Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

One method blank was analyzed with this group of samples. This blank produced acceptable chromatography and was free of targeted analyte contamination.

Calibrations
Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibrations for PFAS were performed on 29Jun22 and 02Jul22. Standards of 0.5, 1.0, 2.0, 5.0, 10, 25, 50, 100 and 250 ng/ml were included. Each targeted analyte demonstrated an acceptable degree of linearity during these calibrations.

Although six calibration check standards were analyzed, only two were directly associated with samples from this program. These calibration checks produced one low recovery of br-NEtFOSAA (28%). Based on this indication of negative bias, the NEtFOSAA results from MW-06R and DUPE-20220608 have been qualified as estimations.

Surrogates (Isotope Dilution Analytes - IDA)
Each sample, blank and standard is spiked with IDA compounds prior to extraction and analysis. Each analyte response is then compared to an isotopically labeled version of the same compound. This technique allows for the correction of bias that might be related to the sample matrix or sample preparation activities. Each IDA must produce a specified level of response.

Surrogate Summary Sheets were properly prepared, based on the laboratory's statistical acceptance criteria. When compared to the method requirements, however, low recoveries were reported

for the M5PFHxA addition to RIBW-01R; the M7-PFuDA additions to MW-06R and RIBW-01R; and the D3-NMeFOSAAM, M8FOSA, D5-NEtFOSAA, MPFDOA and M2PFTeDA additions to MW-06R, RIBW-01R and DUPE-20220628. Data that has been qualified as an estimation based on this performance is tabulated below.

SAMPLE	AFFECTED ANALYTES
MW-06R	NMeFOSAA PFUnA FOSA NEtFOSAA PFDoA PFTrDA
RIBW-01R	PFHxA NMeFOSAA PFUnA FOSA NEtFOSAA PFDoA PFTrDA
DUPE-20220628	NMeFOSAA FOSA NEtFOSAA PFDoA PFTrDA

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

RIBW-01R was selected for matrix spiking. The entire list of targeted analytes was added to two portions of this sample. The recoveries reported for these spikes demonstrated acceptable levels of measurement precision and accuracy.

A spiked blanks (LCS) was also extracted and analyzed with this group of samples. The recoveries reported for these LCS samples demonstrated acceptable levels of measurement accuracy.

Duplicates

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate sample of RIBW-01R was included in this delivery group. The results from RIBW-01R and its duplicate differed by 23% or less. The program requirement was satisfied.

SUMMARY OF QUALIFIED DATA

SHERWOOD SHOE

SAMPLED: 06/28/22

		BLANK ACETONE	CALIBRATE CAL1	SPIKES BRMANE	SPIKES MS1*	TIC ID BUTANE	BLANK PHTHALATE	BLANKS SVOC TIC
MW-06R	(L2234415-01)		ALL UJ		ALL UJ			
RIBW-01R	(L2234415-02)		ALL J/UJ	2.5UJ	ALL UJ		3.0U	ALL J
MW-04R	(L2234415-03)	16J	ALL UJ		ALL UJ	1.39		
DUPE-20220628	(L2234415-04)		ALL J/UJ		ALL UJ			ALL J

CAL1* = trichloroethene, 1,4-dichlorobenzene
MS1* = 4-methyl-2-pentanone, 2-hexanone

		CALIBRATE CAL2*	CALIBRATE CAL3*	SPIKES MS2*	SPIKES LCS*	SPIKE MS3*	SPIKES CL5PHENOL	SURROGATES PFAS
MW-06R	(L2234415-01)							TABLE*
RIBW-01R	(L2234415-02)	ALL J/UJ	ALL UJ	ALL J/UJ	ALL UJ	ALL J	4.0UJ	TABLE*
MW-04R	(L2234415-03)							
DUPE-20220628	(L2234415-04)	ALL J/UJ	ALL UJ		ALL UJ		0.80UJ	TABLE*

CAL2* = 2,6-dinitrotoluene, bis(2-chloroethyl)ether, 2-methylphenol
CAL3* = 2-nitrophenol, 2,6-dinitrotoluene, 2,4-dinitrotoluene, 4,6-dinitro-o-cresol, N-nitroso-di-n-propylamine
MS2* = 3,3'-dichlorobenzidine, dibenzofuran, carbazol
LCS* = 2,4-dinitrophenol, 4,6-dinitro-o-cresol, caprolactam, 2,3,4,6-tetrachlorophenol
MS3* = acenaphthene, naphthalene, fluorene
TABLE* = data qualified due to surrogate performance is tabulated on Page 12

SUMMARY OF QUALIFIED DATA

SHERWOOD SHOE

SAMPLED: 06/28/22

		CALIBRATE NEtFOSAA
MW-06R	(L2234415-01)	1.86UJ
RIBW-01R	(L2234415-02)	
MW-04R	(L2234415-03)	
DUPE-20220628	(L2234415-04)	1.90UJ

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-01	Date Collected	: 06/28/22 10:05
Client ID	: MW-06R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 11:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A06	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.20	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-01	Date Collected	: 06/28/22 10:05
Client ID	: MW-06R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 11:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A06	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	~~ND~~ UJ	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	~~ND~~ UJ	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	~~ND~~ UJ	5.0	1.0	U
591-78-6	2-Hexanone	~~ND~~ UJ	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U

7/27

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-01	Date Collected	: 06/28/22 10:05
Client ID	: MW-06R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 11:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A06	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-01	Date Collected	: 06/28/22 10:05
Client ID	: MW-06R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 11:04
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A06	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-02	Date Collected	: 06/28/22 11:15
Client ID	: RIBW-01R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 11:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A08	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	8.6	0.50	0.16	
108-88-3	Toluene	7.0	2.5	0.70	
100-41-4	Ethylbenzene	20	2.5	0.70	
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	~~ND~~ UJ	2.5	0.70	U
75-01-4	Vinyl chloride	0.50	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-02	Date Collected	: 06/28/22 11:15
Client ID	: RIBW-01R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 11:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A08	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	20	2.5	0.70	
79-01-6	Trichloroethene	1.2 J	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	~~ND~~ UJ	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	16	2.5	0.70	
95-47-6	o-Xylene	13	2.5	0.70	
156-59-2	cis-1,2-Dichloroethene	7.5	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	~~ND~~ UJ	5.0	1.0	U
591-78-6	2-Hexanone	~~ND~~ UJ	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	3.2	2.5	0.70	
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	100	2.5	0.70	
103-65-1	n-Propylbenzene	1.1	2.5	0.70	J

MKS

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-02	Date Collected	: 06/28/22 11:15
Client ID	: RIBW-01R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 11:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A08	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	1.9	2.5	0.70	J
95-63-6	1,2,4-Trimethylbenzene	8.6	2.5	0.70	
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-02	Date Collected	: 06/28/22 11:15
Client ID	: RIBW-01R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 11:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A08	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 11

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000496-11-7	Indane	12.07	57.5	NJ
	Unknown Aromatic	12.40	32.2	J
	Unknown Aromatic	12.64	6.31	J
	Unknown	12.99	12.1	J
	Unknown	13.14	19.3	J
	Unknown	13.19	6.29	J
	Unknown Benzene	13.38	5.68	J
002177-47-1	2-Methylindene	13.62	5.92	NJ
	Unknown	14.15	9.35	J
	Unknown	15.13	20.9	J
	Total TIC Compounds		176J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-03	Date Collected	: 06/28/22 12:00
Client ID	: MW-04R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 11:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A07	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	5.1	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-03	Date Collected	: 06/28/22 12:00
Client ID	: MW-04R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 11:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A07	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	~~ND~~ UJ	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	~~ND~~ UJ	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	16 J	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	~~ND~~ UJ	5.0	1.0	U
591-78-6	2-Hexanone	~~ND~~ UJ	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-03	Date Collected	: 06/28/22 12:00
Client ID	: MW-04R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 11:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A07	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-03	Date Collected	: 06/28/22 12:00
Client ID	: MW-04R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 11:29
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A07	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 2

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
106-97-8	~~Unknown~~ BUTANE	1.62	1.39	J
	Total TIC Compounds		1.39J	J

7/8/5

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-04	Date Collected	: 06/28/22 00:00
Client ID	: DUPE-20220628	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 12:19
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A09	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	8.5	0.50	0.16	
108-88-3	Toluene	6.8	2.5	0.70	
100-41-4	Ethylbenzene	20	2.5	0.70	
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.51	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-04	Date Collected	: 06/28/22 00:00
Client ID	: DUPE-20220628	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 12:19
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A09	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	20	2.5	0.70	
79-01-6	Trichloroethene	1.2 J	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND UJ	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	16	2.5	0.70	
95-47-6	o-Xylene	13	2.5	0.70	
156-59-2	cis-1,2-Dichloroethene	7.5	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND UJ	5.0	1.0	U
591-78-6	2-Hexanone	ND UJ	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	3.2	2.5	0.70	
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	100	2.5	0.70	
103-65-1	n-Propylbenzene	1.1	2.5	0.70	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-04	Date Collected	: 06/28/22 00:00
Client ID	: DUPE-20220628	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 12:19
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A09	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	1.9	2.5	0.70	J
95-63-6	1,2,4-Trimethylbenzene	8.5	2.5	0.70	
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-04	Date Collected	: 06/28/22 00:00
Client ID	: DUPE-20220628	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 12:19
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V22220709A09	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 11

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Aromatic	12.07	59.5	J
	Unknown Aromatic	12.40	33.4	J
	Unknown Aromatic	12.64	6.62	J
	Unknown	12.99	12.9	J
	Unknown	13.14	20.5	J
	Unknown	13.19	6.66	J
	Unknown Benzene	13.38	6.05	J
	Unknown Aromatic	13.62	6.15	J
	Unknown	14.15	10	J
	Unknown	15.13	23.4	J
	Total TIC Compounds		185J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-02	Date Collected	: 06/28/22 11:15
Client ID	: RIBW-01R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 05:07
Sample Matrix	: WATER	Date Extracted	: 07/02/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 34415-02	Analyst	: ALS
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	~~ND~~ UJ	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	~~ND~~ UJ	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	~~ND~~ UJ	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	~~ND~~ UJ	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	~~ND~~ UJ	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	3.00 ~~2.2~~	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	9.7	2.0	0.46	
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-02	Date Collected	: 06/28/22 11:15
Client ID	: RIBW-01R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 05:07
Sample Matrix	: WATER	Date Extracted	: 07/02/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 34415-02	Analyst	: ALS
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	76. J	2.0	0.50	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	8.1	5.0	1.8	
88-75-5	2-Nitrophenol	~~ND~~ UJ	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND UJ	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	~~ND~~ UJ	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	2.8 J	5.0	0.49	J
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	16. J	2.0	0.49	
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	~~ND~~ UJ	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-02	Date Collected	: 06/28/22 11:15
Client ID	: RIBW-01R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 05:07
Sample Matrix	: WATER	Date Extracted	: 07/02/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 34415-02	Analyst	: ALS
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND UJ	5.0	0.84	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-02	Date Collected	: 06/28/22 11:15
Client ID	: RIBW-01R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 05:07
Sample Matrix	: WATER	Date Extracted	: 07/02/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 34415-02	Analyst	: ALS
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 16

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	6.02	42.1	J
	Unknown	6.12	25.5	J
	Unknown	6.69	17.3	J
	Unknown	7.36	14.9	J
000090-12-0	Naphthalene, 1-methyl-	8.13	49.4	NJ
	Unknown Naphthalene	8.75	19.4	J
	Unknown Naphthalene	8.86	22	J
	Unknown Naphthalene	8.93	19.6	J
	Unknown PAH	9.59	81	J
	Unknown Alcohol	9.76	17.2	J
	Unknown	10.60	45.3	J
010544-50-0	Cyclic octaatomic sulfur	11.66	418	NJ
	Unknown Organic Acid	11.92	15.8	JB
	Unknown	13.31	17.7	J
	Unknown	14.21	21.1	J
	Total TIC Compounds		826J	J

J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-04	Date Collected	: 06/28/22 00:00
Client ID	: DUPE-20220628	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 03:57
Sample Matrix	: WATER	Date Extracted	: 07/02/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 34415-04	Analyst	: ALS
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	~~ND~~ UJ	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	~~ND~~ UJ	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	~~ND~~ UJ	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	~~ND~~ UJ	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	9.3	2.0	0.46	
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-04	Date Collected	: 06/28/22 00:00
Client ID	: DUPE-20220628	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 03:57
Sample Matrix	: WATER	Date Extracted	: 07/02/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 34415-04	Analyst	: ALS
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	73.	2.0	0.50	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	8.2	5.0	1.8	
88-75-5	2-Nitrophenol	~~ND~~ UJ	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	~~ND~~ UJ	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	~~ND~~ UJ	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	3.1 J	5.0	0.49	J
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	15.	2.0	0.49	
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	~~ND~~ UJ	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-04	Date Collected	: 06/28/22 00:00
Client ID	: DUPE-20220628	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 03:57
Sample Matrix	: WATER	Date Extracted	: 07/02/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 34415-04	Analyst	: ALS
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	~~ND~~ U5	5.0	0.84	U

7/15

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-04	Date Collected	: 06/28/22 00:00
Client ID	: DUPE-20220628	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 03:57
Sample Matrix	: WATER	Date Extracted	: 07/02/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 34415-04	Analyst	: ALS
Sample Amount	: 275 ml	Instrument ID	: SV106
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 16

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000496-11-7	Indane	6.02	43.2	NJ
	Unknown	6.11	25.3	J
	Unknown	6.68	16.3	J
	Unknown	7.36	13.8	J
000090-12-0	Naphthalene, 1-methyl-	8.13	45.6	NJ
	Unknown Naphthalene	8.75	16.8	J
	Unknown Naphthalene	8.86	20.9	J
	Unknown Naphthalene	8.93	18.6	J
	Unknown Naphthalene	9.32	22.8	J
	Unknown Organic Acid	9.37	22.9	J
	Unknown PAH	9.59	75.8	J
	Unknown	9.75	14.8	J
	Unknown	10.59	32.3	J
010544-50-0	Cyclic octaatomic sulfur	11.66	360	NJ
	Unknown Organic Acid	11.92	26.7	J
	Total TIC Compounds		756J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-02D	Date Collected	: 06/28/22 11:15
Client ID	: RIBW-01R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/20/22 14:39
Sample Matrix	: WATER	Date Extracted	: 07/02/22
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 5
Lab File ID	: 415-02D1	Analyst	: RP
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	110 J	0.50	0.07	
91-58-7	2-Chloronaphthalene	ND	1.0	0.09	U
206-44-0	Fluoranthene	8.1 J	0.50	0.10	
87-68-3	Hexachlorobutadiene	ND	2.5	0.23	U
91-20-3	Naphthalene	72 J	0.50	0.24	
56-55-3	Benzo(a)anthracene	0.50 ~~0.22~~ U	0.50	0.10	J
50-32-8	Benzo(a)pyrene	ND	0.50	0.08	U
205-99-2	Benzo(b)fluoranthene	ND	0.50	0.06	U
207-08-9	Benzo(k)fluoranthene	ND	0.50	0.04	U
218-01-9	Chrysene	0.10	0.50	0.06	J
208-96-8	Acenaphthylene	7.9	0.50	0.06	
120-12-7	Anthracene	4.9	0.50	0.07	
191-24-2	Benzo(ghi)perylene	ND	0.50	0.07	U
86-73-7	Fluorene	93	0.50	0.07	
85-01-8	Phenanthrene	35	0.50	0.12	
53-70-3	Dibenzo(a,h)anthracene	ND	0.50	0.06	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.50	0.06	U
129-00-0	Pyrene	4.6	0.50	0.10	
91-57-6	2-Methylnaphthalene	0.64	0.50	0.11	
87-86-5	Pentachlorophenol	~~ND~~ UJ	4.0	0.07	U
118-74-1	Hexachlorobenzene	ND	4.0	0.05	U
67-72-1	Hexachloroethane	ND	4.0	0.32	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-04	Date Collected	: 06/28/22 00:00
Client ID	: DUPE-20220628	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/11/22 15:01
Sample Matrix	: WATER	Date Extracted	: 07/02/22
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 34415-04	Analyst	: AH
Sample Amount	: 275 ml	Instrument ID	: SV128
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	93 ~~100~~	0.10	0.01	~~E~~ D
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	6.6	0.10	0.02	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	67	0.10	0.05	
56-55-3	Benzo(a)anthracene	0.15	0.10	0.02	
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	0.02	0.10	0.01	J
207-08-9	Benzo(k)fluoranthene	0.01	0.10	0.01	J
218-01-9	Chrysene	0.08	0.10	0.01	J
208-96-8	Acenaphthylene	6.9	0.10	0.01	
120-12-7	Anthracene	4.2	0.10	0.01	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	77 ~~79~~	0.10	0.01	~~E~~ D
85-01-8	Phenanthrene	32	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	3.8	0.10	0.02	
91-57-6	2-Methylnaphthalene	0.58	0.10	0.02	
87-86-5	Pentachlorophenol	~~ND~~ UJ	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-04D	Date Collected	: 06/28/22 00:00
Client ID	: DUPE-20220628	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/20/22 14:23
Sample Matrix	: WATER	Date Extracted	: 07/02/22
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 5
Lab File ID	: 415-04D1	Analyst	: RP
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
	see initial analysis -				
83-32-9	Acenaphthene	93	0.50	0.07	
86-73-7	Fluorene	77	0.50	0.07	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-01	Date Collected	: 06/28/22 10:05
Client ID	: MW-06R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/15/22 22:47
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I64428	Analyst	: MP
Sample Amount	: 268.07 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	24.0	1.86	0.380	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	25.1	1.86	0.369	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.86	0.222	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	14.9	1.86	0.306	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.14	1.86	0.210	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.86	0.351	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.276	1.86	0.220	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.86	1.24	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.86	0.642	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.86	0.291	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.86	0.470	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.86	0.284	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.86	1.13	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	~~ND~~ UJ	1.86	0.604	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	~~ND~~ UJ	1.86	0.242	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.86	0.914	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	~~ND~~ UJ	1.86	0.541	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~~ND~~ UJ	1.86	0.750	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-01	Date Collected	: 06/28/22 10:05
Client ID	: MW-06R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/15/22 22:47
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I64428	Analyst	: MP
Sample Amount	: 268.07 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	~~ND~~ UJ	1.86	0.347	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	~~ND~~ UJ	1.86	0.305	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.86	0.231	U
NONE	PFOA/PFOS, Total	0.276	1.86	0.220	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-02	Date Collected	: 06/28/22 11:15
Client ID	: RIBW-01R	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 02:36
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I23194	Analyst	: RS
Sample Amount	: 268.28 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	17.8	1.86	0.380	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	6.49	1.86	0.369	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.86	0.222	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	2.31 J	1.86	0.306	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.317	1.86	0.210	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.86	0.350	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.86	0.220	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.86	1.24	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.86	0.641	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.86	0.291	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.86	0.470	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.86	0.283	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.86	1.13	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	~~ND~~ UJ	1.86	0.604	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	~~ND~~ UJ	1.86	0.242	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.86	0.913	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	~~ND~~ UJ	1.86	0.540	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~~ND~~ UJ	1.86	0.749	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.
Project Name	: 625 SOUTH GOODMAN ST
Lab ID	: L2234415-02
Client ID	: RIBW-01R
Sample Location	: ROCHESTER, NY
Sample Matrix	: WATER
Analytical Method	: 134,LCMSMS-ID
Lab File ID	: I23194
Sample Amount	: 268.28 g
Extraction Method	: ALPHA 23528
Extract Volume	: 1000 uL
GPC Cleanup	: N

Lab Number	: L2234415
Project Number	: 2172056
Date Collected	: 06/28/22 11:15
Date Received	: 06/28/22
Date Analyzed	: 07/13/22 02:36
Date Extracted	: 07/07/22
Dilution Factor	: 1
Analyst	: RS
Instrument ID	: LCMS01
GC Column	: Acquity UPLC BEH C18
%Solids	: N/A
Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	~~ND~~ UJ	1.86	0.347	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	~~ND~~ UJ	1.86	0.305	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.86	0.231	U
NONE	PFOA/PFOS, Total	ND	1.86	0.220	U

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Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-04	Date Collected	: 06/28/22 00:00
Client ID	: DUPE-20220628	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/15/22 23:03
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I64429	Analyst	: MP
Sample Amount	: 262.94 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	17.7	1.90	0.388	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	6.02	1.90	0.376	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.639	1.90	0.226	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.95	1.90	0.312	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.399	1.90	0.214	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.90	0.357	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.403	1.90	0.224	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.90	1.27	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.90	0.654	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.90	0.297	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.90	0.479	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.90	0.289	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.90	1.15	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	~~ND~~ UJ	1.90	0.616	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	~~ND~~ UJ	1.90	0.247	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.90	0.932	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	~~ND~~ UJ	1.90	0.551	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~~ND~~ UJ	1.90	0.764	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: L2234415-04	Date Collected	: 06/28/22 00:00
Client ID	: DUPE-20220628	Date Received	: 06/28/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/15/22 23:03
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I64429	Analyst	: MP
Sample Amount	: 262.94 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	~~ND~~ UJ	1.90	0.354	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	~~ND~~ UJ	1.90	0.311	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.90	0.236	U
NONE	PFOA/PFOS, Total	0.403	1.90	0.224	J

Surrogate Recovery Summary
Form 2
Volatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN ST

Lab Number: L2234415
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-06R (L2234415-01)	101	92	89	124	0
RIBW-01R (L2234415-02)	102	91	86	126	0
MW-04R (L2234415-03)	101	93	86	124	0
DUPE-20220628 (L2234415-04)	100	91	86	125	0
WG1661364-3LCS	94	92	86	112	0
WG1661364-4LCSD	89	91	85	107	0
WG1661364-5BLANK	104	94	90	126	0
RIBW-01RMS	100	93	84	117	0
RIBW-01RMSD	93	93	88	109	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

* Values outside of QC limits

FORM II NYTCL-8260-R2

Laboratory Control Sample Summary
Form 3
Volatiles

Client : LaBella Associates, P.C.
Project Name : 625 SOUTH GOODMAN ST
Matrix (Level) : WATER (LOW)
LCS Sample ID : WG1661364-3 Analysis Date : 07/09/22 08:58 File ID : V22220709A01
LCSD Sample ID : WG1661364-4 Analysis Date : 07/09/22 09:23 File ID : V22220709A02

Lab Number : L2234415
Project Number : 2172056

Parameter	Laboratory Control Sample True (ug/l)	Found (ug/l)	%R	Laboratory Control Duplicate True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	11	110	10	11	110	0	70-130	20
1,1-Dichloroethane	10	11	110	10	11	110	0	70-130	20
Chloroform	10	11	110	10	11	110	0	70-130	20
Carbon tetrachloride	10	12	120	10	12	120	0	63-132	20
1,2-Dichloropropane	10	10	100	10	9.9	99	1	70-130	20
Dibromochloromethane	10	9.9	99	10	9.8	98	1	63-130	20
1,1,2-Trichloroethane	10	8.8	88	10	8.9	89	1	70-130	20
Tetrachloroethene	10	11	110	10	11	110	0	70-130	20
Chlorobenzene	10	10	100	10	10	100	0	75-130	20
Trichlorofluoromethane	10	12	120	10	12	120	0	62-150	20
1,2-Dichloroethane	10	10	100	10	9.7	97	3	70-130	20
1,1,1-Trichloroethane	10	12	120	10	12	120	0	67-130	20
Bromodichloromethane	10	11	110	10	10	100	10	67-130	20
trans-1,3-Dichloropropene	10	8.8	88	10	8.6	86	2	70-130	20
cis-1,3-Dichloropropene	10	11	110	10	11	110	0	70-130	20
Bromoform	10	8.9	89	10	9.5	95	7	54-136	20
1,1,2,2-Tetrachloroethane	10	9.8	98	10	10	100	2	67-130	20
Benzene	10	11	110	10	11	110	0	70-130	20
Toluene	10	9.6	96	10	9.8	98	2	70-130	20
Ethylbenzene	10	10	100	10	10	100	0	70-130	20
Chloromethane	10	10	100	10	9.5	95	5	64-130	20
Bromomethane	10	8.3	83	10	8.2	82	1	39-139	20
Vinyl chloride	10	9.0	90	10	8.5	85	6	55-140	20
Chloroethane	10	9.0	90	10	8.7	87	3	55-138	20
1,1-Dichloroethene	10	12	120	10	12	120	0	61-145	20
trans-1,2-Dichloroethene	10	12	120	10	12	120	0	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1661364-3	**Analysis Date** : 07/09/22 08:58	**File ID** : V22220709A01
LCSD Sample ID	: WG1661364-4	**Analysis Date** : 07/09/22 09:23	**File ID** : V22220709A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	10	9.1	91	10	9.1	91	0	70-130	20
1,2-Dichlorobenzene	10	9.7	97	10	10	100	3	70-130	20
1,3-Dichlorobenzene	10	9.8	98	10	10	100	2	70-130	20
1,4-Dichlorobenzene	10	9.9	99	10	10	100	1	70-130	20
Methyl tert butyl ether	10	9.1	91	10	8.9	89	2	63-130	20
p/m-Xylene	20	21	105	20	21	105	0	70-130	20
o-Xylene	20	21	105	20	21	105	0	70-130	20
cis-1,2-Dichloroethene	10	12	120	10	11	110	9	70-130	20
Styrene	20	21	105	20	21	105	0	70-130	20
Dichlorodifluoromethane	10	10	100	10	9.8	98	2	36-147	20
Acetone	10	8.2	82	10	7.5	75	9	58-148	20
Carbon disulfide	10	12	120	10	11	110	9	51-130	20
2-Butanone	10	7.9	79	10	7.8	78	1	63-138	20
4-Methyl-2-pentanone	10	6.6	66	10	6.9	69	4	59-130	20
2-Hexanone	10	6.2	62	10	6.1	61	2	57-130	20
1,2-Dibromoethane	10	9.4	94	10	9.5	95	1	70-130	20
n-Butylbenzene	10	9.1	91	10	9.8	98	7	53-136	20
sec-Butylbenzene	10	9.2	92	10	9.9	99	7	70-130	20
tert-Butylbenzene	10	9.5	95	10	10	100	5	70-130	20
1,2-Dibromo-3-chloropropane	10	9.1	91	10	9.4	94	3	41-144	20
Isopropylbenzene	10	9.0	90	10	9.4	94	4	70-130	20
p-Isopropyltoluene	10	9.4	94	10	10	100	6	70-130	20
Naphthalene	10	8.4	84	10	9.1	91	8	70-130	20
n-Propylbenzene	10	8.7	87	10	9.2	92	6	69-130	20
1,2,4-Trichlorobenzene	10	9.6	96	10	10	100	4	70-130	20
1,3,5-Trimethylbenzene	10	8.8	88	10	9.4	94	7	64-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1661364-3 **Analysis Date** : 07/09/22 08:58	**File ID**	: V22220709A01
LCSD Sample ID	: WG1661364-4 **Analysis Date** : 07/09/22 09:23	**File ID**	: V22220709A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	10	8.8	88	10	9.3	93	6	70-130	20
Methyl Acetate	10	10	100	10	9.1	91	9	70-130	20
Cyclohexane	10	10	100	10	10	100	0	70-130	20
Freon-113	10	13	130	10	12	120	8	70-130	20
Methyl cyclohexane	10	9.9	99	10	10	100	1	70-130	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Client Sample ID	: RIBW-01R	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2234415-02	Analysis Date	: 07/09/22 11:54
Matrix Spike	: WG1661364-6	MS Analysis Date	: 07/09/22 19:25
Matrix Spike Dup	: WG1661364-7	MSD Analysis Date	: 07/09/22 19:50

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	ND	10	12	120	10	12	120	0	70-130	20
1,1-Dichloroethane	ND	10	12	120	10	12	120	0	70-130	20
Chloroform	ND	10	12	120	10	11	110	9	70-130	20
Carbon tetrachloride	ND	10	12	120	10	12	120	0	63-132	20
1,2-Dichloropropane	ND	10	10	100	10	10	100	0	70-130	20
Dibromochloromethane	ND	10	9.1	91	10	9.8	98	7	63-130	20
1,1,2-Trichloroethane	ND	10	8.5	85	10	9.1	91	7	70-130	20
Tetrachloroethene	ND	10	11	110	10	11	110	0	70-130	20
Chlorobenzene	ND	10	10	100	10	10	100	0	75-130	20
Trichlorofluoromethane	ND	10	12	120	10	12	120	0	62-150	20
1,2-Dichloroethane	ND	10	10	100	10	10	100	0	70-130	20
1,1,1-Trichloroethane	ND	10	12	120	10	12	120	0	67-130	20
Bromodichloromethane	ND	10	11	110	10	11	110	0	67-130	20
trans-1,3-Dichloropropene	ND	10	7.8	78	10	8.4	84	7	70-130	20
cis-1,3-Dichloropropene	ND	10	9.8	98	10	10	100	2	70-130	20
Bromoform	ND	10	8.5	85	10	8.9	89	5	54-136	20
1,1,2,2-Tetrachloroethane	ND	10	9.6	96	10	10	100	4	67-130	20
Benzene	8.6	10	20	114	10	20	114	0	70-130	20
Toluene	7.0	10	17	100	10	17	100	0	70-130	20
Ethylbenzene	20	10	30	100	10	31	110	3	70-130	20
Chloromethane	ND	10	11	110	10	11	110	0	64-130	20
Bromomethane	ND	10	4.6	46	10	5.0	50	8	39-139	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Client Sample ID	: RIBW-01R	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2234415-02	Analysis Date	: 07/09/22 11:54
Matrix Spike	: WG1661364-6	MS Analysis Date	: 07/09/22 19:25
Matrix Spike Dup	: WG1661364-7	MSD Analysis Date	: 07/09/22 19:50

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Vinyl chloride	0.50J	10	10	100	10	10	100	0	55-140	20
Chloroethane	ND	10	11	110	10	11	110	0	55-138	20
1,1-Dichloroethene	ND	10	13	130	10	13	130	0	61-145	20
trans-1,2-Dichloroethene	20	10	30	100	10	29	90	3	70-130	20
Trichloroethene	1.2	10	10	88	10	11	98	10	70-130	20
1,2-Dichlorobenzene	ND	10	9.7	97	10	10	100	3	70-130	20
1,3-Dichlorobenzene	ND	10	9.7	97	10	10	100	3	70-130	20
1,4-Dichlorobenzene	ND	10	9.8	98	10	10	100	2	70-130	20
Methyl tert butyl ether	ND	10	8.2	82	10	8.9	89	8	63-130	20
p/m-Xylene	16	20	36	100	20	39	115	8	70-130	20
o-Xylene	13	20	34	105	20	36	115	6	70-130	20
cis-1,2-Dichloroethene	7.5	10	19	115	10	19	115	0	70-130	20
Styrene	ND	20	21	105	20	23	115	9	70-130	20
Dichlorodifluoromethane	ND	10	9.5	95	10	9.7	97	2	36-147	20
Acetone	ND	10	9.8	98	10	8.2	82	18	58-148	20
Carbon disulfide	ND	10	12	120	10	12	120	0	51-130	20
2-Butanone	ND	10	8.2	82	10	8.5	85	4	63-138	20
4-Methyl-2-pentanone	ND	10	5.8	58 Q	10	6.8	68	16	59-130	20
2-Hexanone	ND	10	5.5	55 Q	10	6.3	63	14	57-130	20
1,2-Dibromoethane	ND	10	8.7	87	10	9.5	95	9	70-130	20
n-Butylbenzene	ND	10	9.4	94	10	10	100	6	53-136	20
sec-Butylbenzene	ND	10	9.0	90	10	9.8	98	9	70-130	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Client Sample ID	: RIBW-01R	Matrix (Level)	: WATER (LOW)
Lab Sample ID	: L2234415-02	Analysis Date	: 07/09/22 11:54
Matrix Spike	: WG1661364-6	MS Analysis Date	: 07/09/22 19:25
Matrix Spike Dup	: WG1661364-7	MSD Analysis Date	: 07/09/22 19:50

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
tert-Butylbenzene	ND	10	9.5	95	10	10	100	5	70-130	20
1,2-Dibromo-3-chloropropane	ND	10	9.2	92	10	9.3	93	1	41-144	20
Isopropylbenzene	3.2	10	12	88	10	13	98	8	70-130	20
p-Isopropyltoluene	ND	10	9.6	96	10	10	100	4	70-130	20
Naphthalene	100	10	110	100	10	110	100	0	70-130	20
n-Propylbenzene	1.1J	10	9.7	97	10	10	100	3	69-130	20
1,2,4-Trichlorobenzene	ND	10	10	100	10	11	110	10	70-130	20
1,3,5-Trimethylbenzene	1.9J	10	11	110	10	11	110	0	64-130	20
1,2,4-Trimethylbenzene	8.6	10	17	84	10	18	94	6	70-130	20
Methyl Acetate	ND	10	9.2	92	10	8.9	89	3	70-130	20
Cyclohexane	ND	10	9.9J	99	10	11	110	11	70-130	20
Freon-113	ND	10	11	110	10	12	120	9	70-130	20
Methyl cyclohexane	ND	10	8.8J	88	10	10	100	13	70-130	20

Method Blank Summary
Form 4
Volatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab Sample ID	: WG1661364-5	Lab File ID	: V22220709A05
Instrument ID	: VOA122		
Matrix	: WATER	Analysis Date	: 07/09/22 10:39

Client Sample No.	Lab Sample ID	Analysis Date
WG1661364-3LCS	WG1661364-3	07/09/22 08:58
WG1661364-4LCSD	WG1661364-4	07/09/22 09:23
MW-06R	L2234415-01	07/09/22 11:04
MW-04R	L2234415-03	07/09/22 11:29
RIBW-01R	L2234415-02	07/09/22 11:54
DUPE-20220628	L2234415-04	07/09/22 12:19
RIBW-01RMS	WG1661364-6	07/09/22 19:25
RIBW-01RMSD	WG1661364-7	07/09/22 19:50

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: WG1661364-5	Date Collected	: NA
Client ID	: WG1661364-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/09/22 10:39
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: V22220709A05	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: WG1661364-5	Date Collected	: NA
Client ID	: WG1661364-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/09/22 10:39
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: V22220709A05	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: WG1661364-5	Date Collected	: NA
Client ID	: WG1661364-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/09/22 10:39
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: V22220709A05	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: WG1661364-5	Date Collected	: NA
Client ID	: WG1661364-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/09/22 10:39
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: V22220709A05	Instrument ID	: VOA122
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: VOA122	Analysis Date	: 06/17/22 14:19
Tune Standard	: WG1653496-1	Tune File ID	: V22220617ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	18.9
75	30.0 - 80.0% of mass 95	48.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.2 (.3)1
174	Greater than 50.0% of mass 95	77.1
175	5.0 - 9.0% of mass 174	5.7 (7.4)1
176	Greater than 95.0% but less than 101% of mass	75.2 (97.6)1
177	5.0 - 9.0% of mass 176	5 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1578118-2	V22220617A03	06/17/22 15:21
STD0.5PPB	R1578118-1	V22220617A05	06/17/22 16:12
STD2PPB	R1578118-4	V22220617A07	06/17/22 17:02
STD10PPB	R1578118-6	V22220617A09	06/17/22 17:52
STD30PPB	R1578118-3	V22220617A10	06/17/22 18:17
STD80PPB	R1578118-5	V22220617A11	06/17/22 18:42
STD120PPB	R1578118-9	V22220617A12	06/17/22 19:07
STD200PPB	R1578118-7	V22220617A13	06/17/22 19:32
ICV Quant Report	R1578118-8	V22220617A19	06/17/22 22:01

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: VOA122	Analysis Date	: 07/09/22 08:45
Tune Standard	: WG1661364-1	Tune File ID	: V22220709ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	15.5
75	30.0 - 80.0% of mass 95	45.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	96.4
175	5.0 - 9.0% of mass 174	7.2 (7.4)1
176	Greater than 95.0% but less than 101% of mass	93.4 (96.9)1
177	5.0 - 9.0% of mass 176	6.1 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1661364-2CCAL	WG1661364-2	V22220709A01	07/09/22 08:58
WG1661364-3LCS	WG1661364-3	V22220709A01	07/09/22 08:58
WG1661364-4LCSD	WG1661364-4	V22220709A02	07/09/22 09:23
WG1661364-5BLANK	WG1661364-5	V22220709A05	07/09/22 10:39
MW-06R	L2234415-01	V22220709A06	07/09/22 11:04
MW-04R	L2234415-03	V22220709A07	07/09/22 11:29
RIBW-01R	L2234415-02	V22220709A08	07/09/22 11:54
DUPE-20220628	L2234415-04	V22220709A09	07/09/22 12:19
WG1661364-6MS	WG1661364-6	V22220709A26	07/09/22 19:25
WG1661364-7MSD	WG1661364-7	V22220709A27	07/09/22 19:50

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Instrument ID	: VOA122	**Analysis Date**	: 07/09/22 08:58:00
Sample No	: WG1661364-2	**Lab File ID**	: V22220709A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1661364-2	193340	5.57	154372	9.08	93700	11.88
Upper Limit	386680	6.07	308744	9.58	187400	12.38
Lower Limit	96670	5.07	77186	8.58	46850	11.38
Sample ID						
WG1661364-3 LCS	193340	5.57	154372	9.08	93700	11.88
WG1661364-4 LCSD	192519	5.57	154330	9.08	90136	11.88
WG1661364-5 BLANK	166006	5.57	153497	9.08	83823	11.88
MW-06R	165715	5.57	147429	9.08	80311	11.88
MW-04R	171522	5.57	149357	9.08	83532	11.88
RIBW-01R	158133	5.57	149014	9.08	86929	11.88
DUPE-20220628	165681	5.57	155569	9.08	90935	11.88
RIBW-01R MS	179419	5.57	150220	9.08	88024	11.88
RIBW-01R MSD	195950	5.57	155080	9.08	92721	11.88

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1657899-2 **Analysis Date** : 07/11/22 11:28	**File ID**	: 657899-2
LCSD Sample ID	: WG1657899-3 **Analysis Date** : 07/11/22 11:51	**File ID**	: 657899-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	18	11.	63	18	12.	65	3	40-140	30
3,3'-Dichlorobenzidine	18	7.5	41	18	7.7	42	2	40-140	30
2,4-Dinitrotoluene	18	10.	56	18	10.	58	4	48-143	30
2,6-Dinitrotoluene	18	10.	58	18	11.	60	3	40-140	30
4-Chlorophenyl phenyl ether	18	10.	58	18	11.	59	2	40-140	30
4-Bromophenyl phenyl ether	18	11.	58	18	11.	59	2	40-140	30
Bis(2-chloroisopropyl)ether	18	12.	65	18	12.	65	0	40-140	30
Bis(2-chloroethoxy)methane	18	12.	64	18	12.	65	2	40-140	30
Hexachlorocyclopentadiene	18	8.2	45	18	8.6	47	4	40-140	30
Isophorone	18	11.	62	18	12.	64	3	40-140	30
Nitrobenzene	18	11.	61	18	11.	62	2	40-140	30
NDPA/DPA	18	10.	58	18	11.	60	3	40-140	30
n-Nitrosodi-n-propylamine	18	12.	64	18	12.	66	3	29-132	30
Bis(2-ethylhexyl)phthalate	18	13.	71	18	14.	78	9	40-140	30
Butyl benzyl phthalate	18	12.	65	18	13.	71	9	40-140	30
Di-n-butylphthalate	18	12.	64	18	12.	67	5	40-140	30
Di-n-octylphthalate	18	13.	70	18	13.	74	6	40-140	30
Diethyl phthalate	18	11.	62	18	11.	62	0	40-140	30
Dimethyl phthalate	18	10.	58	18	11.	61	5	40-140	30
Biphenyl	18	11.	60	18	12.	65	8	40-140	30
4-Chloroaniline	18	8.5	47	18	10.	55	16	40-140	30
2-Nitroaniline	18	10.	56	18	10.	56	0	52-143	30
3-Nitroaniline	18	8.0	44	18	8.7	48	9	25-145	30
4-Nitroaniline	18	9.8	54	18	9.8	54	0	51-143	30
Dibenzofuran	18	11.	59	18	11.	60	2	40-140	30
1,2,4,5-Tetrachlorobenzene	18	11.	60	18	11.	63	5	2-134	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1657899-2 **Analysis Date** : 07/11/22 11:28	**File ID**	: 657899-2
LCSD Sample ID	: WG1657899-3 **Analysis Date** : 07/11/22 11:51	**File ID**	: 657899-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acetophenone	18	12.	64	18	12.	66	3	39-129	30
2,4,6-Trichlorophenol	18	9.9	55	18	11.	61	10	30-130	30
p-Chloro-m-cresol	18	11.	62	18	11.	62	0	23-97	30
2-Chlorophenol	18	11.	59	18	11.	63	7	27-123	30
2,4-Dichlorophenol	18	12.	64	18	12.	66	3	30-130	30
2,4-Dimethylphenol	18	7.9	43	18	11.	62	36 Q	30-130	30
2-Nitrophenol	18	9.9	54	18	11.	60	11	30-130	30
4-Nitrophenol	18	9.3	51	18	10.	58	13	10-80	30
2,4-Dinitrophenol	18	ND	0 Q	18	6.9	38	200	20-130	30
4,6-Dinitro-o-cresol	18	5.1	28	18	8.4	46	49 Q	20-164	30
Phenol	18	7.7	42	18	8.1	45	7	12-110	30
2-Methylphenol	18	10.	58	18	12.	65	11	30-130	30
3-Methylphenol/4-Methylphenol	18	11.	60	18	12.	66	10	30-130	30
2,4,5-Trichlorophenol	18	11.	59	18	11.	62	5	30-130	30
Carbazole	18	11.	59	18	11.	63	7	55-144	30
Atrazine	18	12.	64	18	12.	65	2	40-140	30
Benzaldehyde	18	14.	75	18	14.	78	4	40-140	30
Caprolactam	18	4.6	25	18	5.0	28	11	10-130	30
2,3,4,6-Tetrachlorophenol	18	7.0	39 Q	18	9.8	54	32 Q	40-140	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Client Sample ID	: RIBW-01R	Matrix	: WATER
Lab Sample ID	: L2234415-02	Analysis Date	: 07/13/22 05:07
Matrix Spike	: WG1657899-4	MS Analysis Date	: 07/21/22 06:23
Matrix Spike Dup	: WG1657899-5	MSD Analysis Date	: 07/21/22 06:49

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	ND	18.2	12.	66	18.2	11.	61	9	40-140	30
3,3'-Dichlorobenzidine	ND	18.2	8.0	44	18.2	4.1J	23 Q	64 Q	40-140	30
2,4-Dinitrotoluene	ND	18.2	20.	110	18.2	16.	88	22	48-143	30
2,6-Dinitrotoluene	ND	18.2	18.	99	18.2	14.	77	25	40-140	30
4-Chlorophenyl phenyl ether	ND	18.2	14.	77	18.2	12.	66	15	40-140	30
4-Bromophenyl phenyl ether	ND	18.2	16.	88	18.2	13.	72	21	40-140	30
Bis(2-chloroisopropyl)ether	ND	18.2	9.7	53	18.2	8.6	47	12	40-140	30
Bis(2-chloroethoxy)methane	ND	18.2	13.	72	18.2	11.	61	17	40-140	30
Hexachlorocyclopentadiene	ND	18.2	13.J	72	18.2	12.J	66	8	40-140	30
Isophorone	ND	18.2	14.	77	18.2	12.	66	15	40-140	30
Nitrobenzene	ND	18.2	15.	83	18.2	14.	77	7	40-140	30
NDPA/DPA	ND	18.2	15.	83	18.2	13.	72	14	40-140	30
n-Nitrosodi-n-propylamine	ND	18.2	13.	72	18.2	11.	61	17	29-132	30
Bis(2-ethylhexyl)phthalate	2.2J	18.2	17.	94	18.2	12.	66	34 Q	40-140	30
Butyl benzyl phthalate	ND	18.2	18.	99	18.2	14.	77	25	40-140	30
Di-n-butylphthalate	ND	18.2	16.	88	18.2	12.	66	29	40-140	30
Di-n-octylphthalate	ND	18.2	16.	88	18.2	12.	66	29	40-140	30
Diethyl phthalate	ND	18.2	15.	83	18.2	12.	66	22	40-140	30
Dimethyl phthalate	ND	18.2	16.	88	18.2	13.	72	21	40-140	30
Biphenyl	9.7	18.2	24.	79	18.2	21.	62	13	40-140	30
4-Chloroaniline	ND	18.2	15.	83	18.2	12.	66	22	40-140	30
2-Nitroaniline	ND	18.2	19.	100	18.2	15.	83	24	52-143	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Client Sample ID	: RIBW-01R	Matrix	: WATER
Lab Sample ID	: L2234415-02	Analysis Date	: 07/13/22 05:07
Matrix Spike	: WG1657899-4	MS Analysis Date	: 07/21/22 06:23
Matrix Spike Dup	: WG1657899-5	MSD Analysis Date	: 07/21/22 06:49

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
3-Nitroaniline	ND	18.2	13.	72	18.2	11.	61	17	25-145	30
4-Nitroaniline	ND	18.2	13.	72	18.2	11.	61	17	51-143	30
Dibenzofuran	76.	18.2	82.	33 Q	18.2	72.	0 Q	13	40-140	30
1,2,4,5-Tetrachlorobenzene	ND	18.2	14.	77	18.2	12.	66	15	2-134	30
Acetophenone	ND	18.2	14.	77	18.2	13.	72	7	39-129	30
2,4,6-Trichlorophenol	ND	18.2	16.	88	18.2	14.	77	13	30-130	30
p-Chloro-m-cresol	ND	18.2	16.	88	18.2	13.	72	21	23-97	30
2-Chlorophenol	ND	18.2	13.	72	18.2	12.	66	8	27-123	30
2,4-Dichlorophenol	ND	18.2	15.	83	18.2	13.	72	14	30-130	30
2,4-Dimethylphenol	8.1	18.2	26.	98	18.2	21.	71	21	30-130	30
2-Nitrophenol	ND	18.2	19.	100	18.2	16.	88	17	30-130	30
4-Nitrophenol	ND	18.2	13.	72	18.2	10.	55	26	10-80	30
2,4-Dinitrophenol	ND	18.2	21.	120	18.2	17.J	94	21	20-130	30
4,6-Dinitro-o-cresol	ND	18.2	21.	120	18.2	17.	94	21	20-164	30
Phenol	ND	18.2	10.	55	18.2	9.2	51	8	12-110	30
2-Methylphenol	2.8J	18.2	16.	88	18.2	14.	77	13	30-130	30
3-Methylphenol/4-Methylphenol	ND	18.2	14.	77	18.2	12.	66	15	30-130	30
2,4,5-Trichlorophenol	ND	18.2	17.	94	18.2	14.	77	19	30-130	30
Carbazole	16.	18.2	29.	72	18.2	23.	39 Q	23	55-144	30
Atrazine	ND	18.2	22.	120	18.2	17.	94	26	40-140	30
Benzaldehyde	ND	18.2	20.	110	18.2	19.	100	5	40-140	30
Caprolactam	ND	18.2	9.3J	51	18.2	7.2J	40	25	10-130	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Client Sample ID	: RIBW-01R	Matrix	: WATER
Lab Sample ID	: L2234415-02	Analysis Date	: 07/13/22 05:07
Matrix Spike	: WG1657899-4	MS Analysis Date	: 07/21/22 06:23
Matrix Spike Dup	: WG1657899-5	MSD Analysis Date	: 07/21/22 06:49

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
2,3,4,6-Tetrachlorophenol	ND	18.2	16.	88	18.2	13.	72	21	40-140	30

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN ST

Lab Number: L2234415
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
RIBW-01R (L2234415-02)	62	49	78	73	101	85	0
DUPE-20220628 (L2234415-04)	56	43	69	68	93	80	0
WG1657899-1BLANK	43	33	53	56	55	58	0
WG1657899-2LCS	52	42	59	55	55	55	0
WG1657899-3LCSD	56	46	60	61	61	59	0
RIBW-01RMS	67	56	80	73	108	87	0
RIBW-01RMSD	59	50	73	65	82	65	0

QC LIMITS

(21-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(15-120) FBP = 2-FLUOROBIPHENYL
(10-120) TBP = 2,4,6-TRIBROMOPHENOL
(41-149) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NYTCL-8270-LVI

Method Blank Summary
Form 4
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab Sample ID	: WG1657899-1	Lab File ID	: 657899-1
Instrument ID	: DAKOTA	Extraction Date	: 07/01/22
Matrix	: WATER	Analysis Date	: 07/11/22 11:06
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1657899-2LCS	WG1657899-2	07/11/22 11:28
WG1657899-3LCSD	WG1657899-3	07/11/22 11:51
DUPE-20220628	L2234415-04	07/13/22 03:57
RIBW-01R	L2234415-02	07/13/22 05:07
RIBW-01RMS	WG1657899-4	07/21/22 06:23
RIBW-01RMSD	WG1657899-5	07/21/22 06:49

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: WG1657899-1	Date Collected	: NA
Client ID	: WG1657899-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/11/22 11:06
Sample Matrix	: WATER	Date Extracted	: 07/01/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 657899-1	Analyst	: CMM
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.0	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: WG1657899-1	Date Collected	: NA
Client ID	: WG1657899-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/11/22 11:06
Sample Matrix	: WATER	Date Extracted	: 07/01/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 657899-1	Analyst	: CMM
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: WG1657899-1	Date Collected	: NA
Client ID	: WG1657899-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/11/22 11:06
Sample Matrix	: WATER	Date Extracted	: 07/01/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 657899-1	Analyst	: CMM
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: WG1657899-1	Date Collected	: NA
Client ID	: WG1657899-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/11/22 11:06
Sample Matrix	: WATER	Date Extracted	: 07/01/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 657899-1	Analyst	: CMM
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 11

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.78	1.78	J
	Unknown	1.99	2.04	J
	Unknown	2.17	1.64	J
	Unknown	3.41	1.56	J
	Unknown	7.25	1.85	J
	Unknown Organic Acid	8.99	5.49	J
	Unknown Organic Acid	9.75	5.64	J
	Unknown	10.54	4.29	J
	Unknown	11.72	3.64	J
	Unknown Amide	11.84	5.02	J
	Total TIC Compounds		33.0J	J

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: SV106	Analysis Date	: 03/27/22 22:34
Tune Standard	: R1547794-4	Tune File ID	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	32.9
68	Less than 2.0% of mass 69	0.7 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	50.8
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	26.2
365	Greater than 1.0% of mass 198	3.4
441	Present, but less than 24% of mass 442	16.7
442	Base Peak, or >50% of mass 198	84.7
443	15.0 - 24.0% of mass 442	16.1 (19)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1547794-7	ABNL10	03/27/22 22:58
ABNL9	R1547794-14	ABNL9	03/27/22 23:21
ABNL8	R1547794-15	ABNL8	03/27/22 23:45
ABNL7	R1547794-13	ABNL7	03/28/22 00:09
ABNL6	R1547794-12	ABNL6	03/28/22 00:33
ABNL5	R1547794-10	ABNL5	03/28/22 00:57
ABNL4	R1547794-11	ABNL4	03/28/22 01:20
ABNL3	R1547794-8	ABNL3	03/28/22 01:44
ABNL2	R1547794-9	ABNL2	03/28/22 02:08
ABNL1	R1547794-6	ABNL1	03/28/22 02:32
AP9L10	R1547794-27	AP9L10	03/28/22 02:55
AP9L9	R1547794-35	AP9L9	03/28/22 03:19
AP9L8	R1547794-34	AP9L8	03/28/22 03:43
AP9L7	R1547794-33	AP9L7	03/28/22 04:07
AP9L6	R1547794-32	AP9L6	03/28/22 04:30
AP9L5	R1547794-31	AP9L5	03/28/22 04:54
AP9L4	R1547794-29	AP9L4	03/28/22 05:18
AP9L3	R1547794-30	AP9L3	03/28/22 05:42
AP9L2	R1547794-28	AP9L2	03/28/22 06:05
AP9L1	R1547794-25	AP9L1	03/28/22 06:29
ABN ICV Quant Report	R1547794-1	ABNICV	03/28/22 06:53
AP9 ICV Quant Report	R1547794-3	AP9ICV	03/28/22 07:17

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: SV106	Analysis Date	: 03/28/22 07:41
Tune Standard	: R1547794-5	Tune File ID	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	36.1
68	Less than 2.0% of mass 69	0.8 (1.8)1
69		100
70	Less than 2.0% of mass 69	0.3 (.6)1
127	10.0 - 80.0% of Base Peak	54.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	25.5
365	Greater than 1.0% of mass 198	3.1
441	Present, but less than 24% of mass 442	16.9
442	Base Peak, or >50% of mass 198	74.3
443	15.0 - 24.0% of mass 442	14.3 (19.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R1547794-17	ADPL10	03/28/22 08:04
ADPL9	R1547794-26	ADPL9	03/28/22 08:28
ADPL8	R1547794-23	ADPL8	03/28/22 08:52
ADPL7	R1547794-24	ADPL7	03/28/22 09:16
ADPL6	R1547794-21	ADPL6	03/28/22 09:40
ADPL5	R1547794-22	ADPL5	03/28/22 10:04
ADPL4	R1547794-19	ADPL4	03/28/22 10:28
ADPL3	R1547794-18	ADPL3	03/28/22 10:51
ADPL2	R1547794-20	ADPL2	03/28/22 11:15
ADPL1	R1547794-16	ADPL1	03/28/22 11:39
ADP ICV Quant Report	R1547794-2	ADPICV	03/28/22 12:03

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Instrument ID	: SV106	**Analysis Date**	: 07/12/22 20:56
Tune Standard	: WG1662033-1	**Tune File ID**	: DEG0712_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	31.4
68	Less than 2.0% of mass 69	0.6 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.1 (.3)1
127	10.0 - 80.0% of Base Peak	52.4
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	26.6
365	Greater than 1.0% of mass 198	3.3
441	Present, but less than 24% of mass 442	16.5
442	Base Peak, or >50% of mass 198	84.1
443	15.0 - 24.0% of mass 442	15.7 (18.7)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1662033-6TFACTOR-B	WG1662033-6	DEG0712	07/12/22 20:56
WG1662033-7TFACTOR-P	WG1662033-7	DEG0712	07/12/22 20:56
WG1662033-3CCAL	WG1662033-3	ABN0712	07/12/22 21:19
WG1662033-4CCAL	WG1662033-4	AP90712	07/12/22 21:43
WG1662033-5CCAL	WG1662033-5	ADP0712	07/12/22 22:06
DUPE-20220628	L2234415-04	34415-04	07/13/22 03:57
RIBW-01R	L2234415-02	34415-02	07/13/22 05:07

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: DAKOTA	Analysis Date	: 07/08/22 00:25
Tune Standard	: R1585216-1	Tune File ID	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	58
68	Less than 2.0% of mass 69	0.4 (.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	60.4
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	25.6
365	Greater than 1.0% of mass 198	3.3
441	Present, but less than 24% of mass 442	17
442	Base Peak, or >50% of mass 198	85.5
443	15.0 - 24.0% of mass 442	17.4 (20.4)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1585216-7	ABNL10	07/08/22 00:48
ABNL9	R1585216-14	ABNL9	07/08/22 01:10
ABNL8	R1585216-15	ABNL8	07/08/22 01:33
ABNL7	R1585216-13	ABNL7	07/08/22 01:55
ABNL6	R1585216-12	ABNL6	07/08/22 02:17
ABNL5	R1585216-11	ABNL5	07/08/22 02:40
ABNL4	R1585216-9	ABNL4	07/08/22 03:02
ABNL3	R1585216-10	ABNL3	07/08/22 03:25
ABNL2	R1585216-8	ABNL2	07/08/22 03:47
ABNL1	R1585216-6	ABNL1	07/08/22 04:10
AP9L10	R1585216-27	AP9L10	07/08/22 04:32
AP9L9	R1585216-35	AP9L9	07/08/22 04:54
AP9L8	R1585216-34	AP9L8	07/08/22 05:17
AP9L7	R1585216-33	AP9L7	07/08/22 05:39
AP9L6	R1585216-31	AP9L6	07/08/22 06:02
AP9L5	R1585216-32	AP9L5	07/08/22 06:24
AP9L4	R1585216-29	AP9L4	07/08/22 06:46
AP9L3	R1585216-30	AP9L3	07/08/22 07:09
AP9L2	R1585216-28	AP9L2	07/08/22 07:31
AP9L1	R1585216-25	AP9L1	07/08/22 07:54
ABN ICV Quant Report	R1585216-3	ABNICV	07/08/22 08:16
AP9 ICV Quant Report	R1585216-5	AP9ICV	07/08/22 08:39

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: DAKOTA	Analysis Date	: 07/08/22 09:01
Tune Standard	: R1585216-2	Tune File ID	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	53.8
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	58.6
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	25.6
365	Greater than 1.0% of mass 198	3.5
441	Present, but less than 24% of mass 442	17.2
442	Base Peak, or >50% of mass 198	83.9
443	15.0 - 24.0% of mass 442	17.2 (20.5)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R1585216-17	ADPL10	07/08/22 09:24
ADPL9	R1585216-24	ADPL9	07/08/22 09:46
ADPL8	R1585216-26	ADPL8	07/08/22 10:08
ADPL7	R1585216-22	ADPL7	07/08/22 10:31
ADPL6	R1585216-23	ADPL6	07/08/22 10:53
ADPL5	R1585216-20	ADPL5	07/08/22 11:16
ADPL4	R1585216-21	ADPL4	07/08/22 11:38
ADPL3	R1585216-19	ADPL3	07/08/22 12:01
ADPL2	R1585216-18	ADPL2	07/08/22 12:24
ADPL1	R1585216-16	ADPL1	07/08/22 12:46
ADP ICV Quant Report	R1585216-4	ADPICV	07/08/22 13:09

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: DAKOTA	Analysis Date	: 07/11/22 09:36
Tune Standard	: WG1661211-1	Tune File ID	: DEG0711_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	53.9
68	Less than 2.0% of mass 69	1 (1.8)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	58.2
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 60.0% of Base Peak	25.8
365	Greater than 1.0% of mass 198	3.4
441	Present, but less than 24% of mass 442	17.5
442	Base Peak, or >50% of mass 198	91.7
443	15.0 - 24.0% of mass 442	18 (19.7)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1661211-6TFACTOR-B	WG1661211-6	DEG0711	07/11/22 09:36
WG1661211-7TFACTOR-P	WG1661211-7	DEG0711	07/11/22 09:36
WG1661211-3CCAL	WG1661211-3	ABN0711	07/11/22 09:58
WG1661211-4CCAL	WG1661211-4	AP90711	07/11/22 10:21
WG1661211-5CCAL	WG1661211-5	ADP0711	07/11/22 10:43
WG1657899-1BLANK	WG1657899-1	657899-1	07/11/22 11:06
WG1657899-2LCS	WG1657899-2	657899-2	07/11/22 11:28
WG1657899-3LCSD	WG1657899-3	657899-3	07/11/22 11:51

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: SV107	Analysis Date	: 07/08/22 13:01
Tune Standard	: R1585276-34	Tune File ID	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	46.9
68	Less than 2.0% of mass 69	0.7 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	52.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	16.4
365	Greater than 1.0% of mass 198	1.7
441	Present, but less than 24% of mass 442	17.1
442	Base Peak, or >50% of mass 198	59
443	15.0 - 24.0% of mass 442	11.3 (19.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1585276-1	ABNL10	07/08/22 13:27
ABNL9	R1585276-10	ABNL9	07/08/22 13:53
ABNL8	R1585276-9	ABNL8	07/08/22 14:19
ABNL7	R1585276-8	ABNL7	07/08/22 14:46
ABNL6	R1585276-7	ABNL6	07/08/22 15:12
ABNL5	R1585276-5	ABNL5	07/08/22 15:38
ABNL4	R1585276-6	ABNL4	07/08/22 16:05
ABNL3	R1585276-3	ABNL3	07/08/22 16:31
ABNL2	R1585276-4	ABNL2	07/08/22 18:04
ABNL1	R1585276-2	ABNL1	07/08/22 18:30
AP9L10	R1585276-22	AP9L10	07/08/22 18:57
AP9L9	R1585276-27	AP9L9	07/08/22 19:23
AP9L8	R1585276-29	AP9L8	07/08/22 19:49
AP9L7	R1585276-30	AP9L7	07/08/22 20:15
AP9L6	R1585276-28	AP9L6	07/08/22 20:41
AP9L5	R1585276-24	AP9L5	07/08/22 21:07
AP9L4	R1585276-26	AP9L4	07/08/22 21:33
AP9L3	R1585276-25	AP9L3	07/08/22 21:59
AP9L2	R1585276-23	AP9L2	07/08/22 22:26
AP9L1	R1585276-21	AP9L1	07/08/22 22:51
ABN ICV Quant Report	R1585276-31	ABNICV	07/08/22 23:18

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: SV107	Analysis Date	: 07/09/22 00:09
Tune Standard	: R1585276-35	Tune File ID	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	38.8
68	Less than 2.0% of mass 69	0.6 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	49.3
197	Less than 2.0% of mass 198	0.1
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	17.9
365	Greater than 1.0% of mass 198	1.9
441	Present, but less than 24% of mass 442	18.1
442	Base Peak, or >50% of mass 198	65.9
443	15.0 - 24.0% of mass 442	12.8 (19.4)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R1585276-11	ADPL10	07/09/22 00:35
ADPL9	R1585276-20	ADPL9	07/09/22 01:01
ADPL8	R1585276-19	ADPL8	07/09/22 01:27
ADPL7	R1585276-18	ADPL7	07/09/22 01:53
ADPL6	R1585276-17	ADPL6	07/09/22 02:18
ADPL5	R1585276-16	ADPL5	07/09/22 02:44
ADPL4	R1585276-15	ADPL4	07/09/22 03:10
ADPL3	R1585276-14	ADPL3	07/09/22 03:35
ADPL2	R1585276-13	ADPL2	07/09/22 04:01
ADPL1	R1585276-12	ADPL1	07/09/22 04:26
AP9 ICV Quant Report	R1585276-32	ADPICV	07/09/22 04:52

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: SV107	Analysis Date	: 07/09/22 11:14
Tune Standard	: R1585276-36	Tune File ID	: Tune3_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	41
68	Less than 2.0% of mass 69	0.6 (1.5)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	50.9
197	Less than 2.0% of mass 198	0.8
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	17.2
365	Greater than 1.0% of mass 198	1.7
441	Present, but less than 24% of mass 442	17.6
442	Base Peak, or >50% of mass 198	59.3
443	15.0 - 24.0% of mass 442	11.5 (19.4)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADP ICV Quant Report	R1585276-33	AP9ICVA	07/09/22 11:40

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: SV107	Analysis Date	: 07/20/22 23:01
Tune Standard	: WG1665437-1	Tune File ID	: DEG0720n_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	39.3
68	Less than 2.0% of mass 69	0.5 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	47.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	21.6
365	Greater than 1.0% of mass 198	2.3
441	Present, but less than 24% of mass 442	17.1
442	Base Peak, or >50% of mass 198	85.9
443	15.0 - 24.0% of mass 442	17 (19.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1665437-6TFACTOR-B	WG1665437-6	DEG0720N	07/20/22 23:01
WG1665437-7TFACTOR-P	WG1665437-7	DEG0720N	07/20/22 23:01
WG1665437-3CCAL	WG1665437-3	ABN0720N	07/20/22 23:27
WG1665437-4CCAL	WG1665437-4	AP90720N	07/20/22 23:54
WG1665437-5CCAL	WG1665437-5	ADP0720N	07/21/22 00:20
WG1657899-4MS	WG1657899-4	657899-4	07/21/22 06:23
WG1657899-5MSD	WG1657899-5	657899-5	07/21/22 06:49

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Instrument ID	: DAKOTA	**Analysis Date**	: 07/11/22 09:58:00
Sample No	: WG1661211-3	**Lab File ID**	: ABN0711

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1661211-3	9972	3.97	40585	5.22	23454	6.91
Upper Limit	19944	4.47	81170	5.72	46908	7.41
Lower Limit	4986	3.47	20293	4.72	11727	6.41
Sample ID						
WG1661211-4 CCAL	12831	3.97	52574	5.22	32567	6.91
WG1661211-5 CCAL	12702	3.97	-	-	31241	6.91
WG1657899-1 BLANK	12796	3.97	51176	5.22	30053	6.91
WG1657899-2 LCS	12932	3.97	53708	5.22	31339	6.91
WG1657899-3 LCSD	13403	3.97	54549	5.22	32347	6.91

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Instrument ID	: DAKOTA	**Analysis Date**	: 07/11/22 09:58:00
Sample No	: WG1661211-3	**Lab File ID**	: ABN0711

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1661211-3	48758	8.31	49095	10.85	51908	12.25
Upper Limit	97516	8.81	98190	11.35	103816	12.75
Lower Limit	24379	7.81	24548	10.35	25954	11.75
Sample ID						
WG1661211-4 CCAL	72286	8.31	-	-	-	-
WG1661211-5 CCAL	69029	8.31	-	-	-	-
WG1657899-1 BLANK	65786	8.31	65453	10.85	72434	12.25
WG1657899-2 LCS	65583	8.31	65195	10.85	69906	12.25
WG1657899-3 LCSD	66002	8.31	67147	10.85	72891	12.25

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Instrument ID	: SV106	**Analysis Date**	: 07/12/22 21:19:00
Sample No	: WG1662033-3	**Lab File ID**	: ABN0712

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1662033-3	73003	5.78	175960	7.29	101337	9.06
Upper Limit	146006	6.28	351920	7.79	202674	9.56
Lower Limit	36502	5.28	87980	6.79	50669	8.56
Sample ID						
WG1662033-4 CCAL	66722	5.78	163186	7.29	87244	9.05
WG1662033-5 CCAL	74003	5.78	-	-	98782	9.06
DUPE-20220628	79077	5.78	196513	7.29	107454	9.06
RIBW-01R	74533	5.78	186066	7.29	103896	9.06

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Instrument ID	: SV106	**Analysis Date**	: 07/12/22 21:19:00
Sample No	: WG1662033-3	**Lab File ID**	: ABN0712

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1662033-3	205762	10.47	204785	13.04	221070	14.45
Upper Limit	411524	10.97	409570	13.54	442140	14.95
Lower Limit	102881	9.97	102393	12.54	110535	13.95
Sample ID						
WG1662033-4 CCAL	176947	10.48	-	-	-	-
WG1662033-5 CCAL	206291	10.48	-	-	-	-
DUPE-20220628	215326	10.47	215383	13.05	219538	14.46
RIBW-01R	217110	10.47	218554	13.05	223706	14.46

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: SV107	Analysis Date	: 07/20/22 23:27:00
Sample No	: WG1665437-3	Lab File ID	: ABN0720N

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1665437-3	56078	6.52	213900	7.93	134910	9.69
Upper Limit	112156	7.02	427800	8.43	269820	10.19
Lower Limit	28039	6.02	106950	7.43	67455	9.19
Sample ID						
WG1665437-4 CCAL	49457	6.52	193141	7.93	117327	9.69
WG1665437-5 CCAL	51097	6.52	-	-	117694	9.69
RIBW-01R MS	55552	6.52	220983	7.93	139179	9.69
RIBW-01R MSD	62963	6.52	244250	7.93	143595	9.69

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Instrument ID	: SV107	**Analysis Date**	: 07/20/22 23:27:00
Sample No	: WG1665437-3	**Lab File ID**	: ABN0720N

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1665437-3	260206	11.13	256228	13.76	231484	15.23
Upper Limit	520412	11.63	512456	14.26	462968	15.73
Lower Limit	130103	10.63	128114	13.26	115742	14.73
Sample ID						
WG1665437-4 CCAL	256817	11.13	-	-	-	-
WG1665437-5 CCAL	254354	11.13	-	-	-	-
RIBW-01R MS	281896	11.13	231792	13.77	232070	15.23
RIBW-01R MSD	287699	11.13	238693	13.77	238836	15.23

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN ST

Lab Number: L2234415
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
RIBW-01R (L2234415-02D)	74	65	118	92	102	94	0
DUPE-20220628 (L2234415-04)	50	41	60	85	109	81	0
WG1657898-1BLANK	47	37	57	58	79	59	0
WG1657898-2LCS	49	40	57	58	74	60	0
WG1657898-3LCSD	56	45	70	66	78	72	0
RIBW-01RMS	71	69	111	76	95	94	0
RIBW-01RMSD	86	83	129*	96	105	103	1

QC LIMITS

(21-120)	2FP = 2-FLUOROPHENOL
(10-120)	PHL = PHENOL-D6
(23-120)	NBZ = NITROBENZENE-D5
(15-120)	FBP = 2-FLUOROBIPHENYL
(10-120)	TBP = 2,4,6-TRIBROMOPHENOL
(41-149)	TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NYTCL-8270-SIM-LVI

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1657898-2 Analysis Date : 07/05/22 11:36	File ID	: 657898-2
LCSD Sample ID	: WG1657898-3 Analysis Date : 07/05/22 11:52	File ID	: 657898-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	3.6	2.3	62	3.6	2.6	72	15	40-140	40
2-Chloronaphthalene	3.6	2.2	60	3.6	2.4	66	10	40-140	40
Fluoranthene	3.6	2.2	61	3.6	2.7	75	21	40-140	40
Hexachlorobutadiene	3.6	2.0	55	3.6	2.4	66	18	40-140	40
Naphthalene	3.6	2.2	60	3.6	2.5	69	14	40-140	40
Benzo(a)anthracene	3.6	2.2	60	3.6	2.6	73	20	40-140	40
Benzo(a)pyrene	3.6	2.2	60	3.6	2.6	70	15	40-140	40
Benzo(b)fluoranthene	3.6	2.2	60	3.6	2.7	74	21	40-140	40
Benzo(k)fluoranthene	3.6	2.4	65	3.6	2.6	73	12	40-140	40
Chrysene	3.6	2.2	60	3.6	2.6	72	18	40-140	40
Acenaphthylene	3.6	2.1	58	3.6	2.4	66	13	40-140	40
Anthracene	3.6	2.2	60	3.6	2.9	80	29	40-140	40
Benzo(ghi)perylene	3.6	2.2	62	3.6	2.8	77	22	40-140	40
Fluorene	3.6	2.2	62	3.6	2.4	67	8	40-140	40
Phenanthrene	3.6	2.2	61	3.6	2.6	72	17	40-140	40
Dibenzo(a,h)anthracene	3.6	2.4	65	3.6	3.0	81	22	40-140	40
Indeno(1,2,3-cd)pyrene	3.6	2.3	63	3.6	2.8	77	20	40-140	40
Pyrene	3.6	2.2	61	3.6	2.7	74	19	40-140	40
2-Methylnaphthalene	3.6	2.2	59	3.6	2.5	68	14	40-140	40
Pentachlorophenol	3.6	0.77	21 Q	3.6	1.3	36 Q	53 Q	40-140	40
Hexachlorobenzene	3.6	2.4	67	3.6	3.0	82	20	40-140	40
Hexachloroethane	3.6	1.9	52	3.6	2.3	63	19	40-140	40

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Client Sample ID	: RIBW-01R	Matrix	: WATER
Lab Sample ID	: L2234415-02	Analysis Date	: 07/20/22 14:39
Matrix Spike	: WG1657898-4	MS Analysis Date	: 07/20/22 14:56
Matrix Spike Dup	: WG1657898-5	MSD Analysis Date	: 07/20/22 15:46

		Matrix Spike Sample				Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R		Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	110	18.2	110	0	Q	18.2	130	110	17	40-140	40
2-Chloronaphthalene	ND	18.2	14	77		18.2	18	99	25	40-140	40
Fluoranthene	8.1	18.2	27	100		18.2	29	110	7	40-140	40
Hexachlorobutadiene	ND	18.2	12	66		18.2	16	88	29	40-140	40
Naphthalene	72	18.2	79	39	Q	18.2	94	120	17	40-140	40
Benzo(a)anthracene	0.22J	18.2	17	94		18.2	18	99	6	40-140	40
Benzo(a)pyrene	ND	18.2	17	94		18.2	19	100	11	40-140	40
Benzo(b)fluoranthene	ND	18.2	18	99		18.2	19	100	5	40-140	40
Benzo(k)fluoranthene	ND	18.2	18	99		18.2	21	120	15	40-140	40
Chrysene	0.10J	18.2	17	94		18.2	18	99	6	40-140	40
Acenaphthylene	7.9	18.2	21	72		18.2	27	110	25	40-140	40
Anthracene	4.9	18.2	22	94		18.2	25	110	13	40-140	40
Benzo(ghi)perylene	ND	18.2	17	94		18.2	19	100	11	40-140	40
Fluorene	93	18.2	97	22	Q	18.2	110	94	13	40-140	40
Phenanthrene	35	18.2	52	94		18.2	56	120	7	40-140	40
Dibenzo(a,h)anthracene	ND	18.2	19	100		18.2	21	120	10	40-140	40
Indeno(1,2,3-cd)pyrene	ND	18.2	18	99		18.2	20	110	11	40-140	40
Pyrene	4.6	18.2	23	100		18.2	25	110	8	40-140	40
2-Methylnaphthalene	0.64	18.2	14	73		18.2	18	95	25	40-140	40
Pentachlorophenol	ND	18.2	16	88		18.2	18	99	12	40-140	40
Hexachlorobenzene	ND	18.2	14	77		18.2	16	88	13	40-140	40
Hexachloroethane	ND	18.2	14	77		18.2	17	94	19	40-140	40

Method Blank Summary
Form 4
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab Sample ID	: WG1657898-1	Lab File ID	: 657898-1
Instrument ID	: SV128	Extraction Date	: 07/01/22
Matrix	: WATER	Analysis Date	: 07/05/22 12:08
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1657898-2LCS	WG1657898-2	07/05/22 11:36
WG1657898-3LCSD	WG1657898-3	07/05/22 11:52
DUPE-20220628	L2234415-04	07/11/22 15:01
DUPE-20220628	L2234415-04D	07/20/22 14:23
RIBW-01R	L2234415-02D	07/20/22 14:39
RIBW-01RMS	WG1657898-4	07/20/22 14:56
RIBW-01RMSD	WG1657898-5	07/20/22 15:46

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: WG1657898-1	Date Collected	: NA
Client ID	: WG1657898-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/05/22 12:08
Sample Matrix	: WATER	Date Extracted	: 07/01/22
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 657898-1	Analyst	: ALS
Sample Amount	: 275 ml	Instrument ID	: SV128
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	0.04	0.10	0.02	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	0.03	0.10	0.02	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	0.02	0.10	0.01	J
208-96-8	Acenaphthylene	0.02	0.10	0.01	J
120-12-7	Anthracene	0.02	0.10	0.01	J
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.03	0.10	0.01	J
85-01-8	Phenanthrene	0.07	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	0.03	0.10	0.02	J
91-57-6	2-Methylnaphthalene	0.03	0.10	0.02	J
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 02/09/22 15:43
Tune Standard	: R1531963-12	Tune File ID	: tune_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	47.5
68	Less than 2.0% of mass 69	0.2 (.3)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	50.1
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	25.4
365	Greater than 1.0% of mass 198	2.9
441	Present, but less than 24% of mass 442	17
442	Base Peak, or >50% of mass 198	67.4
443	15.0 - 24.0% of mass 442	12.8 (18.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
IL10	R1531963-1	IL10	02/09/22 16:10
IL9	R1531963-8	IL9	02/09/22 17:05
IL8	R1531963-7	IL8	02/09/22 17:22
IL7	R1531963-10	IL7	02/09/22 17:38
IL6	R1531963-9	IL6	02/09/22 17:54
IL5	R1531963-3	IL5	02/09/22 18:10
IL4	R1531963-5	IL4	02/09/22 18:27
IL3	R1531963-6	IL3	02/09/22 18:43
IL2	R1531963-4	IL2	02/09/22 18:59
IL1	R1531963-2	IL1	02/09/22 19:16
ICV Quant Report	R1531963-11	ICV	02/09/22 19:32

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Instrument ID	: SV128	**Analysis Date**	: 07/05/22 09:56
Tune Standard	: WG1658857-1	**Tune File ID**	: deg0705_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	38.1
68	Less than 2.0% of mass 69	0.7 (1.9)1
69		100
70	Less than 2.0% of mass 69	0.1 (.3)1
127	10.0 - 80.0% of Base Peak	48.8
197	Less than 2.0% of mass 198	0.6
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7.5
275	10.0 - 60.0% of Base Peak	27.5
365	Greater than 1.0% of mass 198	4
441	Present, but less than 24% of mass 442	17.7
442	Base Peak, or >50% of mass 198	86
443	15.0 - 24.0% of mass 442	16.8 (19.5)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1658857-4TFACTOR-B	WG1658857-4	DEG0705	07/05/22 09:56
WG1658857-5TFACTOR-P	WG1658857-5	DEG0705	07/05/22 09:56
WG1658857-3CCAL	WG1658857-3	CCV0705	07/05/22 10:15
WG1657898-2LCS	WG1657898-2	657898-2	07/05/22 11:36
WG1657898-3LCSD	WG1657898-3	657898-3	07/05/22 11:52
WG1657898-1BLANK	WG1657898-1	657898-1	07/05/22 12:08

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 07/11/22 07:22
Tune Standard	: WG1661136-1	Tune File ID	: deg0711_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	36.4
68	Less than 2.0% of mass 69	0.3 (.9)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	47.9
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7.6
275	10.0 - 60.0% of Base Peak	28
365	Greater than 1.0% of mass 198	3.8
441	Present, but less than 24% of mass 442	16
442	Base Peak, or >50% of mass 198	90.5
443	15.0 - 24.0% of mass 442	18 (19.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1661136-4TFACTOR-B	WG1661136-4	DEG0711	07/11/22 07:22
WG1661136-5TFACTOR-P	WG1661136-5	DEG0711	07/11/22 07:22
WG1661136-3CCAL	WG1661136-3	CCV0711	07/11/22 07:43
DUPE-20220628	L2234415-04	34415-04	07/11/22 15:01

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: SV119	Analysis Date	: 03/08/22 16:53
Tune Standard	: R1544182-1	Tune File ID	: Tune_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	39.6
68	Less than 2.0% of mass 69	0.7 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.3 (.8)1
127	10.0 - 80.0% of Base Peak	51.6
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	25.2
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	17.8
442	Base Peak, or >50% of mass 198	75.6
443	15.0 - 24.0% of mass 442	14.2 (18.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
IL10	R1544182-2	IL10	03/08/22 17:22
IL9	R1544182-11	IL9	03/08/22 17:39
IL8	R1544182-8	IL8	03/08/22 17:55
IL7	R1544182-9	IL7	03/08/22 18:12
IL6	R1544182-7	IL6	03/08/22 18:29
IL5	R1544182-10	IL5	03/08/22 18:45
IL4	R1544182-6	IL4	03/08/22 19:02
IL3	R1544182-4	IL3	03/08/22 19:19
IL2	R1544182-5	IL2	03/08/22 19:36
IL1	R1544182-3	IL1	03/08/22 19:52
ICV Quant Report	R1544182-12	ICV	03/08/22 20:09

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Instrument ID	: SV119	Analysis Date	: 07/20/22 07:20
Tune Standard	: WG1665127-1	Tune File ID	: deg0720_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	65.2
68	Less than 2.0% of mass 69	0.6 (1.3)1
69		100
70	Less than 2.0% of mass 69	0.1 (.2)1
127	10.0 - 80.0% of Base Peak	56.4
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	22.8
365	Greater than 1.0% of mass 198	2.3
441	Present, but less than 24% of mass 442	18.8
442	Base Peak, or >50% of mass 198	57.9
443	15.0 - 24.0% of mass 442	11.6 (20.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1665127-4TFACTOR-B	WG1665127-4	DEG0720	07/20/22 07:20
WG1665127-5TFACTOR-P	WG1665127-5	DEG0720	07/20/22 07:20
WG1665127-3CCAL	WG1665127-3	CCV0720	07/20/22 07:38
DUPE-20220628	L2234415-04D	415-04D1	07/20/22 14:23
RIBW-01R	L2234415-02D	415-02D1	07/20/22 14:39
WG1657898-4MS	WG1657898-4	657898-4	07/20/22 14:56
WG1657898-5MSD	WG1657898-5	657898-5	07/20/22 15:46

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Instrument ID	: SV128	**Analysis Date**	: 07/05/22 10:15:00
Sample No	: WG1658857-3	**Lab File ID**	: CCV0705

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1658857-3	7924	2.13	27017	2.79	15501	3.77
Upper Limit	15848	2.63	54034	3.29	31002	4.27
Lower Limit	3962	1.63	13509	2.29	7751	3.27
Sample ID						
WG1657898-2 LCS	11319	2.13	39582	2.79	23338	3.77
WG1657898-3 LCSD	8576	2.13	31831	2.80	17717	3.77
WG1657898-1 BLANK	10085	2.13	34818	2.79	20253	3.77

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Instrument ID	: SV128	**Analysis Date**	: 07/05/22 10:15:00
Sample No	: WG1658857-3	**Lab File ID**	: CCV0705

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1658857-3	35243	4.61	37432	6.14	41278	7.27
Upper Limit	70486	5.11	74864	6.64	82556	7.77
Lower Limit	17622	4.11	18716	5.64	20639	6.77
Sample ID						
WG1657898-2 LCS	52756	4.61	53811	6.13	55720	7.27
WG1657898-3 LCSD	34772	4.61	35621	6.13	46777	7.27
WG1657898-1 BLANK	45078	4.61	46999	6.13	51484	7.27

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Instrument ID	: SV128	**Analysis Date**	: 07/11/22 07:43:00
Sample No	: WG1661136-3	**Lab File ID**	: CCV0711

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1661136-3	7102	2.07	25166	2.74	15501	3.72
Upper Limit	14204	2.57	50332	3.24	31002	4.22
Lower Limit	3551	1.57	12583	2.24	7751	3.22
Sample ID						
DUPE-20220628	9532	2.08	28879	2.74	20939	3.72

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Instrument ID	: SV128	**Analysis Date**	: 07/11/22 07:43:00
Sample No	: WG1661136-3	**Lab File ID**	: CCV0711

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1661136-3	36591	4.56	43214	6.06	40700	7.14
Upper Limit	73182	5.06	86428	6.56	81400	7.64
Lower Limit	18296	4.06	21607	5.56	20350	6.64
Sample ID						
DUPE-20220628	46596	4.56	46187	6.06	48584	7.13

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Instrument ID	: SV119	**Analysis Date**	: 07/20/22 07:38:00
Sample No	: WG1665127-3	**Lab File ID**	: CCV0720

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1665127-3	57307	1.96	236114	2.62	138819	3.59
Upper Limit	114614	2.46	472228	3.12	277638	4.09
Lower Limit	28654	1.46	118057	2.12	69410	3.09
Sample ID						
DUPE-20220628	48397	1.97	202004	2.62	114467	3.59
RIBW-01R	40412	1.97	174236	2.62	102053	3.59
RIBW-01R MS	42983	1.97	177481	2.62	106247	3.59
RIBW-01R MSD	41300	1.97	158582	2.62	95979	3.59

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Instrument ID	: SV119	**Analysis Date**	: 07/20/22 07:38:00
Sample No	: WG1665127-3	**Lab File ID**	: CCV0720

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1665127-3	300014	4.42	277238	5.94	258458	6.93
Upper Limit	600028	4.92	554476	6.44	516916	7.43
Lower Limit	150007	3.92	138619	5.44	129229	6.43
Sample ID						
DUPE-20220628	258612	4.42	256423	5.94	263896	6.93
RIBW-01R	255144	4.42	255654	5.94	260612	6.93
RIBW-01R MS	240081	4.42	243050	5.94	249447	6.93
RIBW-01R MSD	215617	4.42	221356	5.94	231506	6.93

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN ST

Lab Number: L2234415
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
MW-06R (L2234415-01)	78	77	77	70	76	76	84
RIBW-01R (L2234415-02)	74	73	73	68	75	78	77
DUPE-20220628 (L2234415-04)	93	85	91	80	87	89	93
WG1659669-1BLANK	96	105	97	99	97	100	94
WG1659669-2LCS	100	105	101	99	96	102	91
RIBW-01RMS	70	69	70	66	71	77	73
RIBW-01RMSD	90	85	81	77	85	89	90

QC LIMITS

(58-132) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
(62-163) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
(70-131) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
(57-129) S4 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
(60-129) S5 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
(71-134) S6 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)
(62-129) S7 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)

* Values outside of QC limits

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN ST

Lab Number: L2234415
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
MW-06R (L2234415-01)	119	89	91	82	94	40	68
RIBW-01R (L2234415-02)	129	72	74	75	89	52	63
DUPE-20220628 (L2234415-04)	147	98	101	89	103	44	74
WG1659669-1BLANK	70	96	92	88	67	75	83
WG1659669-2LCS	76	94	94	91	94	74	84
RIBW-01RMS	128	70	78	70	83	43	54*
RIBW-01RMSD	164*	84	78	81	91	53	66

QC LIMITS

(14-147) S8 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
(59-139) S9 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
(69-131) S10 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
(62-124) S11 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
(10-162) S12 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
(24-116) S13 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)
(55-137) S14 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)

* Values outside of QC limits

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN ST

Lab Number: L2234415
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()	TOT OUT
MW-06R (L2234415-01)	13	40	60	56	--	--	--	0
RIBW-01R (L2234415-02)	20	47	51	42	--	--	--	0
DUPE-20220628 (L2234415-04)	18	43	63	57	--	--	--	0
WG1659669-1BLANK	32	67	78	68	--	--	--	0
WG1659669-2LCS	27	68	79	78	--	--	--	0
RIBW-01RMS	16	46	50	39	--	--	--	1
RIBW-01RMSD	13	48	58	53	--	--	--	1

QC LIMITS

(10-112) S15 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
(27-126) S16 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
(48-131) S17 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
(22-136) S18 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE (Continued)

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	**Project Number**	: 2172056
Matrix (Level)	: WATER ()		
LCS Sample ID	: WG1659669-2 **Analysis Date** : 07/13/22 02:02	**File ID**	: I23192
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

Parameter	Laboratory Control Sample True (ng/l)	Found (ng/l)	%R	Laboratory Control Duplicate True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
Perfluorobutanoic Acid (PFBA)	40	40.2	100				-	67-148	30
Perfluoropentanoic Acid (PFPeA)	40	40.1	100				-	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	35.5	35.1	99				-	65-157	30
Perfluorohexanoic Acid (PFHxA)	40	39.7	99				-	69-168	30
Perfluoroheptanoic Acid (PFHpA)	40	39.9	100				-	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	36.6	42.8	117				-	69-177	30
Perfluorooctanoic Acid (PFOA)	40	43.6	109				-	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	38.1	42.9	113				-	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.2	42.3	111				-	61-179	30
Perfluorononanoic Acid (PFNA)	40	39.5	99				-	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	37.1	43.1	116				-	52-151	30
Perfluorodecanoic Acid (PFDA)	40	42.8	107				-	63-171	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	38.4	34.6	90				-	56-173	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Matrix (Level)	: WATER ()		
LCS Sample ID	: WG1659669-2	Analysis Date : 07/13/22 02:02	File ID : I23192
LCSD Sample ID	:	Analysis Date :	File ID :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	40	43.5	109				-	60-166	30
Perfluoroundecanoic Acid (PFUnA)	40	42.4	106				-	60-153	30
Perfluorodecanesulfonic Acid (PFDS)	38.6	36.2	94				-	38-156	30
Perfluorooctanesulfonamide (FOSA)	40	40.7	102				-	46-170	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	40	42.9	107				-	45-170	30
Perfluorododecanoic Acid (PFDoA)	40	42.7	107				-	67-153	30
Perfluorotridecanoic Acid (PFTrDA)	40	45.6	114				-	48-158	30
Perfluorotetradecanoic Acid (PFTA)	40	43.3	108				-	59-182	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Client Sample ID	: RIBW-01R	Matrix (Level)	: WATER ()
Lab Sample ID	: L2234415-02	Analysis Date	: 07/13/22 02:36
Matrix Spike	: WG1659669-3	MS Analysis Date	: 07/13/22 02:52
Matrix Spike Dup	: WG1659669-4	MSD Analysis Date	: 07/13/22 03:09

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ng/l)	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	RPD	Recovery Limits	RPD Limit
Perfluorobutanoic Acid (PFBA)	17.8	38	54.7	97	36.8	54.4	100	1	67-148	30
Perfluoropentanoic Acid (PFPeA)	6.49	38	43.8	98	36.8	41.9	96	4	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	ND	33.7	33.2	98	32.6	32.3	99	3	65-157	30
Perfluorohexanoic Acid (PFHxA)	2.31	38	39.0	97	36.8	39.3	101	1	69-168	30
Perfluoroheptanoic Acid (PFHpA)	0.317J	38	37.2	97	36.8	38.0	102	2	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	ND	34.7	39.2	113	33.6	38.9	116	1	69-177	30
Perfluorooctanoic Acid (PFOA)	ND	38	40.0	105	36.8	38.0	103	5	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	36.1	37.9	105	35	38.5	110	2	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	36.2	34.2	94	35.1	38.9	111	13	61-179	30
Perfluorononanoic Acid (PFNA)	ND	38	39.6	104	36.8	37.3	101	6	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	ND	35.2	35.9	102	34.1	39.0	114	8	52-151	30
Perfluorodecanoic Acid (PFDA)	ND	38	34.7	91	36.8	33.6	91	3	63-171	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	36.4	37.1	102	35.3	34.2	97	8	56-173	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	38	42.0	111	36.8	36.3	99	15	60-166	30
Perfluoroundecanoic Acid (PFUnA)	ND	38	40.6	107	36.8	36.6	100	10	60-153	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Client Sample ID	: RIBW-01R	Matrix (Level)	: WATER ()
Lab Sample ID	: L2234415-02	Analysis Date	: 07/13/22 02:36
Matrix Spike	: WG1659669-3	MS Analysis Date	: 07/13/22 02:52
Matrix Spike Dup	: WG1659669-4	MSD Analysis Date	: 07/13/22 03:09

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ng/l)	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	RPD	Recovery Limits	RPD Limit
Perfluorodecanesulfonic Acid (PFDS)	ND	36.7	29.2	80	35.5	27.5	77	6	38-156	30
Perfluorooctanesulfonamide (FOSA)	ND	38	40.7F	107	36.8	34.2F	93	17	46-170	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	38	38.0	100	36.8	36.9	100	3	45-170	30
Perfluorododecanoic Acid (PFDoA)	ND	38	38.2	101	36.8	34.8	95	9	67-153	30
Perfluorotridecanoic Acid (PFTrDA)	ND	38	39.8	105	36.8	38.6	105	3	48-158	30
Perfluorotetradecanoic Acid (PFTA)	ND	38	42.1	111	36.8	34.7	94	19	59-182	30

Method Blank Summary
Form 4
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab Sample ID	: WG1659669-1	Lab File ID	: I23191
Instrument ID	: LCMS01	Extraction Date	: 07/07/22
Matrix	: WATER	Analysis Date	: 07/13/22 01:46
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1659669-2LCS	WG1659669-2	07/13/22 02:02
RIBW-01R	L2234415-02	07/13/22 02:36
RIBW-01RMS	WG1659669-3	07/13/22 02:52
RIBW-01RMSD	WG1659669-4	07/13/22 03:09
MW-06R	L2234415-01	07/15/22 22:47
DUPE-20220628	L2234415-04	07/15/22 23:03

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: WG1659669-1	Date Collected	: NA
Client ID	: WG1659669-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/13/22 01:46
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I23191	Analyst	: RS
Sample Amount	: 250 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l			
		Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	2.00	0.408	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.00	0.396	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.00	0.238	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.00	0.328	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.00	0.225	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.00	0.376	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.00	0.236	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.00	1.33	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.00	0.688	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.00	0.312	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.00	0.504	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.00	0.304	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.00	1.21	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	2.00	0.648	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.00	0.260	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.00	0.980	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.580	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.00	0.804	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2234415
Project Name	: 625 SOUTH GOODMAN ST	Project Number	: 2172056
Lab ID	: WG1659669-1	Date Collected	: NA
Client ID	: WG1659669-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/13/22 01:46
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I23191	Analyst	: RS
Sample Amount	: 250 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.00	0.372	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.00	0.327	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.00	0.248	U
NONE	PFOA/PFOS, Total	ND	2.00	0.236	U

DATA USABILITY SUMMARY REPORT

for

LABELLA ASSOCIATES, P.C.

300 State Street

Rochester, NY 14614

SHERWOOD SHOE
Project 2172056
Aqueous Samples
SDG: L2234768
Sampled 06/29/22

VOLATILE ORGANICS, SEMIVOLATILE ORGANICS,
SEMIVOLATILES-SIM, PFAS,

RIBW-02 (L2234768-01)

DATA ASSESSMENT

An ASP Category B data package containing analytical results for one program sample was received from Labella Associates, P.C. on 07Jun22. The deliverables package included formal reports, raw data, the necessary QC, and supporting information. The sample, taken from the Sherwood Shoe site, was identified by Chain of Custody documents and traceable through the work of Alpha Analytical, the laboratory contracted for analysis. Analyses, performed according to SW-846 methods, addressed determinations of volatile organics, semivolatile organics, semivolatiles-SIM, and PFAS. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 07/2005. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP NO. HW-33A, Rev. #1, September 2016, Low/Medium Volatile Data Validation; SOP NO. HW-22, Rev.#5, December 2010, Validating Semivolatile Organic Compounds by GC/MS Method 8270D; and the laboratory's modifications to Method 1633, SOP No. 23528, Rev12, 2/22/2019, PFAS by SPE and LC/MS/MS Isotope Dilution) were used as a technical reference.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Results presenting a usable estimation of the conditions at the time of sampling have been flagged "J" or "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed strict QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly. DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature: James B. Baldwin Date: 28 Jun 23

James B. Baldwin
DATAVAL Inc.

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the time of sample collection. Samples must remain chilled to 4°C between the time of collection and the time of analysis. Acid preserved VOC samples must be analyzed within 14 days, unpreserved VOC samples within 7 days. The holding time for VOC soils is 14 days. Aqueous semivolatile organics, pesticide and PCB samples must be extracted within seven days of collection. Soils and PFAS samples must be extracted within 14 days. The extracts must then be analyzed within forty days of extraction. The holding times for cyanide and mercury samples are 14 and 28 days, respectively. Metals samples must be analyzed within six months.

This delivery group contained one aqueous sample that was collected from the Sherwood Shoe site, transferred to a laboratory courier, and delivered to the laboratory on 29Jun22. At the time of laboratory receipt, the sample cooler was found to be intact and properly chilled. A cooler temperature of 2.0°C was recorded at that time. Although not documented in the field custody record, checks made at the time of analysis verified that each VOC sample was properly stabilized at a pH<2.

VOLATILE ORGANICS

This group of acid preserved VOC samples was analyzed on 09Jul22. The program holding time limitations were satisfied.

Blanks

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks and trip blanks monitor sampling, sample transport, and sample storage activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

One method blank was analyzed with this group of samples. This blank produced acceptable chromatography and was free of targeted analyte contamination.

MS Tuning

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of BFB was analyzed prior to each analytical sequence that contained samples from this program. An Instrument Performance Check Form is present for each BFB evaluation. The BFB tunes associated with this delivery group

satisfied the program acceptance criteria.

Calibrations
Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibration for VOC was performed on 01Jul22. Standards of 0.19, 0.50, 2.0, 10, 30, 80, 120 and 200 µg/l were included. With the exception of trichloroethene, each analyte targeted by this program produced the required levels of instrument response and demonstrated an acceptable degree of linearity during this calibration. Trichloroethene standards, however, failed to produce the required levels of instrument response. The trichloroethene results from this project have been qualified as estimations based on this performance.

A calibration verification standard was analyzed on 09Jul22, prior to the 12-hour period of instrument operation that included samples from this program. When compared to the initial calibration, an unacceptable shift was observed in the instrument response of bromomethane (37%). Based on this performance, the bromomethane results from this project have been qualified as estimations. It is noted that the response of trichloroethene remained low during this check.

Surrogates
Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, based on the laboratory's in-house acceptance criteria. When compared to the program requirements, however, an acceptable recovery was reported for each surrogate addition to this group of samples.

Internal Standards
Internal standards are added to each sample, blank and calibration standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of 2. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to this criteria, acceptable performance was demonstrated by the internal

standard additions to each program sample.

Matrix Spikes
Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of measurement accuracy. A duplicate spiked aliquot provides a measurement of precision.

Although a sample from this delivery group was not selected for matrix spiking, a pair of spiked blanks (LCS/LCSD) was analyzed with this delivery group. These LCS samples produced low recoveries of bromomethane (63%) and 2-hexanone (67%). Based on these indications of negative bias, the bromomethane (BRMANE) and 2-hexanone results from this project have been qualified as estimations.

Duplicates
Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate sample was not included in this delivery group.

Reported Analytes
Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were detected in RIBW-02. It is noted that similar artifacts were not detected in the associated method blank.

SEMIVOLATILE ORGANICS

RIBW-02 was extracted for SVOC analysis on 03Jul22, and the extract was analyzed on 11Jul22. The program holding time requirements were satisfied.

Blanks
Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

One method blank was analyzed with this group of samples. Although this blank produced acceptable chromatography, it contained traces of bis(2-ethylhexyl)phthalate and fifteen TIC's.

It is noted that similar artifacts were not found in RIBW-02. Although TIC's were found in the program sample, they did not elute at the same retention time as those found in the method blank.

MS Tuning

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of DFTPP was analyzed prior to each analytical sequence that included samples from this program. An Instrument Performance Check Form is present for each DFTPP evaluation. The DFTPP tunes associated with this group of samples satisfied the program acceptance criteria.

Calibration

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibrations for SVOC were performed on 08Jul22. Concentrations of 0.1, 0.2, 1.0, 2.0, 3.0, 5.0, 10, 15 35 and 50 µg/ml were included. With the exception of 2,6-dinitrotoluene, each targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity on 08Jul22. 2,6-Dinitrotoluene, however, failed to produce the required levels of instrument response. The 2,6-dinitrotoluene result from RIBW-02 has been qualified as an estimation.

A calibration verification standard was analyzed on 11Jul22. When compared to the initial calibration, unacceptable shifts were observed in the instrument response of response of 2,4,6-trichlorophenol and 2,4,5-trichlorophenol. Based on this performance, the 2,4,6-trichlorophenol and 2,4,5-trichlorophenol results from RIBW-02 have been qualified as estimations.

Surrogates

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, based on the laboratory's statistical acceptance criteria. When compared to the project requirements, however, an acceptable recovery was reported for each surrogate addition to this group of samples.

Internal Standards

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, acceptable performance was indicated for the internal standard additions to each program sample.

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

Although RIBW-02 was not selected for matrix spiking, a pair of spiked blanks (LCS/LCSD) was extracted and analyzed with the program sample. These LCS samples produced low recoveries of caprolactam (37%,36%). The caprolactam result from RIBW-02 has been qualified as an estimation based on this indication of negative bias.

Duplicates

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate sample was not included in this delivery group.

Reported Analytes

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print outs. Mass spectra references were included in the raw data to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were reported.

It is noted that three of the TIC's reported from RIBW-02 represented SVOC targeted analytes and have been removed from the sample report.

SEMIVOLATILE ORGANICS-SIM

This group of samples was extracted for SVOC-SIM analysis on 03Jul22 and the extracts were analyzed on 11Jul22 and 21Jul22. The program holding time requirements were satisfied.

Blanks
Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

Although this method blank produced acceptable chromatography, it contained traces of phenanthrene. The presence of this artifact, however, warrants no concern because the phenanthrene concentration in RIBW-02 exceeded the range requiring data qualifications..

MS Tuning
Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of DFTPP was analyzed prior to each analytical sequence that included samples from this program. An Instrument Performance Check Form is present for each DFTPP evaluation. The DFTPP tunes associated with this program satisfied the program acceptance criteria.

Calibration
Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibrations for SVOC-SIM were performed on 09Feb22 and 08Mar22. Standards of 20, 10, 5.0, 1.0, 0.25, 0.10, 0.05, 0.025 and 0.010 µg/ml were included. The analytes targeted by this program demonstrated an acceptable degree of linearity during these calibrations.

Calibration verification standards were analyzed on 11Jul22 and 21Jul22, prior to the 12-hour periods of instrument operation that included samples from this program. When compared to the initial calibration, each of these check standards demonstrated an acceptable level of instrument stability.

It is noted that the 21Jul22 check was only associated with the diluted analysis of RIBW-02, which only addressed determinations of acenaphthene, naphthalene and fluorine.

Surrogates
Each sample, blank and standard is spiked with surrogate com-

pounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, based on the laboratory's statistical acceptance criteria. When compared to the program requirements, however, an acceptable recovery was reported for each surrogate addition to both program samples.

Internal Standards

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, acceptable performance was indicated for the internal standard additions to each program sample.

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

Although RIBW-02 was not selected for matrix spiking, a pair of spiked blanks (LCS/LCSD) was extracted and analyzed with the program sample. The recoveries reported from these LCS samples demonstrated acceptable levels of measurement precision and accuracy.

Duplicates

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate sample was not included in this delivery group.

Reported Analytes

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print outs. Mass spectra references were included in the raw data to confirm the identification of each analyte that was detected in

this group of samples.

PFAS ORGANICS

This group of samples was extracted for PFAS analysis on 07Jul22 and the extracts were analyzed on 15Jul22. The program holding time limitations were satisfied.

Blanks
Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

One method blank was analyzed with this group of samples. This blank produced acceptable chromatography and was free of targeted analyte contamination.

Calibrations
Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibration for PFAS was performed on 02Jul22. Standards of 0.5, 1.0, 2.0, 5.0, 10, 25, 50, 100 and 250 ng/ml were included. Each targeted analyte demonstrated an acceptable degree of linearity during this calibration.

It is noted that results were also reported from a second chromatographic system. This second calibration, however, had no direct impact on the results from RIBW-02.

Although six calibration check standards were analyzed, only two were directly associated with samples from this program. These calibration checks produced one low recovery of br-NEtFOSAA (28%). Based on this indication of negative bias, the NEtFOSAA result from RIBW-02 have been qualified as estimations.

Surrogates (Isotope Dilution Analytes - IDA)
Each sample, blank and standard is spiked with IDA compounds prior to extraction and analysis. Each analyte response is then compared to an isotopically labeled version of the same compound. This technique allows for the correction of bias that might be related to the sample matrix or sample preparation activities. Each IDA must produce a specified level of response.

Surrogate Summary Sheets were properly prepared, based on the laboratory's statistical acceptance criteria. When compared to the method requirements, however, low recoveries were reported for the d3-NMeFOSAA (53%), M8FOSA (15%), d5-NEtFOSAA (55%), MPFDoA (58%) and, M2PFtEDA additions to RIBW-02. Data that has

been qualified as an estimation based on this performance is tabulated below.

SAMPLE	AFFECTED ANALYTES
RIBW-02	NMeFOSAA FOSA NEtFOSAA PFDoA PFTA

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

A sample from an unrelated program was selected for matrix spiking. The recoveries obtained from these additions demonstrated acceptable levels of measurement precision and accuracy.

A spiked blank (LCS) was also extracted and analyzed with this group of samples. The recoveries reported from this LCS sample demonstrated an acceptable level of measurement accuracy.

Duplicates

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate sample was not included in this delivery group.

SUMMARY OF QUALIFIED DATA

SHERWOOD SHOE

SAMPLED: 06/29/22

	CALIBRATE BRMANE	CALIBRATE TCE	LCS/LCSD LCS1*	CALIBRATE CAL1*	SPIKE CAPROLACTAM	SVOC TIC TARGET	CALIBRATE NEtFOSAA
RIBW-02 (L2234768-01)	10UJ	0.98J	ALL UJ	ALL UJ	10UJ	REMOVE ALL	1.86UJ

LCS1* = bromomethane, 2-hexanone
CAL1* = 2,6-dinitrotoluene, 2,4,6-trichlorophenol, 2,4,5-trichlorophenol

	SURROGATE PFAS
RIBW-02 (L2234768-01)	TABLE*

TABLA* = Data that has been qualified due to surrogate performance is tabulated on Page 11.

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: L2234768-01D	Date Collected	: 06/29/22 12:00
Client ID	: RIBW-02	Date Received	: 06/29/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 14:30
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: VE220709A20	Instrument ID	: ELAINE
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	10	2.8	U
75-34-3	1,1-Dichloroethane	ND	10	2.8	U
67-66-3	Chloroform	ND	10	2.8	U
56-23-5	Carbon tetrachloride	ND	2.0	0.54	U
78-87-5	1,2-Dichloropropane	ND	4.0	0.55	U
124-48-1	Dibromochloromethane	ND	2.0	0.60	U
79-00-5	1,1,2-Trichloroethane	ND	6.0	2.0	U
127-18-4	Tetrachloroethene	ND	2.0	0.72	U
108-90-7	Chlorobenzene	ND	10	2.8	U
75-69-4	Trichlorofluoromethane	ND	10	2.8	U
107-06-2	1,2-Dichloroethane	ND	2.0	0.53	U
71-55-6	1,1,1-Trichloroethane	ND	10	2.8	U
75-27-4	Bromodichloromethane	ND	2.0	0.77	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.66	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.58	U
75-25-2	Bromoform	ND	8.0	2.6	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.67	U
71-43-2	Benzene	4.0	2.0	0.64	
108-88-3	Toluene	7.6	10	2.8	J
100-41-4	Ethylbenzene	28	10	2.8	
74-87-3	Chloromethane	ND	10	2.8	U
74-83-9	Bromomethane	ND UJ	10	2.8	U
75-01-4	Vinyl chloride	ND	4.0	0.28	U
75-00-3	Chloroethane	ND	10	2.8	U
75-35-4	1,1-Dichloroethene	ND	2.0	0.68	U

7/12

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: L2234768-01D	Date Collected	: 06/29/22 12:00
Client ID	: RIBW-02	Date Received	: 06/29/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 14:30
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: VE220709A20	Instrument ID	: ELAINE
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	10	2.8	U
79-01-6	Trichloroethene	0.98 J	2.0	0.70	J
95-50-1	1,2-Dichlorobenzene	ND	10	2.8	U
541-73-1	1,3-Dichlorobenzene	ND	10	2.8	U
106-46-7	1,4-Dichlorobenzene	ND	10	2.8	U
1634-04-4	Methyl tert butyl ether	ND	10	2.8	U
179601-23-1	p/m-Xylene	40	10	2.8	
95-47-6	o-Xylene	30	10	2.8	
156-59-2	cis-1,2-Dichloroethene	ND	10	2.8	U
100-42-5	Styrene	ND	10	2.8	U
75-71-8	Dichlorodifluoromethane	ND	20	4.0	U
67-64-1	Acetone	ND	20	5.8	U
75-15-0	Carbon disulfide	ND	20	4.0	U
78-93-3	2-Butanone	ND	20	7.8	U
108-10-1	4-Methyl-2-pentanone	ND	20	4.0	U
591-78-6	2-Hexanone	~~ND~~ UJ	20	4.0	U
106-93-4	1,2-Dibromoethane	ND	8.0	2.6	U
104-51-8	n-Butylbenzene	ND	10	2.8	U
135-98-8	sec-Butylbenzene	ND	10	2.8	U
98-06-6	tert-Butylbenzene	ND	10	2.8	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	2.8	U
98-82-8	Isopropylbenzene	11	10	2.8	
99-87-6	p-Isopropyltoluene	ND	10	2.8	U
91-20-3	Naphthalene	360	10	2.8	
103-65-1	n-Propylbenzene	3.5	10	2.8	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: L2234768-01D	Date Collected	: 06/29/22 12:00
Client ID	: RIBW-02	Date Received	: 06/29/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 14:30
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: VE220709A20	Instrument ID	: ELAINE
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	10	2.8	U
108-67-8	1,3,5-Trimethylbenzene	8.0	10	2.8	J
95-63-6	1,2,4-Trimethylbenzene	46	10	2.8	
79-20-9	Methyl Acetate	ND	8.0	0.94	U
110-82-7	Cyclohexane	ND	40	1.1	U
76-13-1	Freon-113	ND	10	2.8	U
108-87-2	Methyl cyclohexane	ND	40	1.6	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: L2234768-01D	Date Collected	: 06/29/22 12:00
Client ID	: RIBW-02	Date Received	: 06/29/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/09/22 14:30
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: VE220709A20	Instrument ID	: ELAINE
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 11

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.03	19.1	J
	Unknown Aromatic	10.16	62	J
	Unknown Aromatic	10.29	27.8	J
	Unknown	10.58	65.5	J
	Unknown Aromatic	10.61	45.5	J
	Unknown Aromatic	10.71	46.7	J
	Unknown	11.19	38.9	J
	Unknown	11.79	170	J
	Unknown Aromatic	12.03	20.8	J
	Unknown Naphthalene	12.30	18.8	J
	Total TIC Compounds		515J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: L2234768-01	Date Collected	: 06/29/22 12:00
Client ID	: RIBW-02	Date Received	: 06/29/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/11/22 19:41
Sample Matrix	: WATER	Date Extracted	: 07/03/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 34768-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND UJ	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	43.	2.0	0.46	
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.
Project Name	: 625 SOUTH GOODMAN
Lab ID	: L2234768-01
Client ID	: RIBW-02
Sample Location	: ROCHESTER, NY
Sample Matrix	: WATER
Analytical Method	: 1,8270D
Lab File ID	: 34768-01
Sample Amount	: 275 ml
Extraction Method	: EPA 3510C
Extract Volume	: 1000 uL
GPC Cleanup	: N

Lab Number	: L2234768
Project Number	: 2172056
Date Collected	: 06/29/22 12:00
Date Received	: 06/29/22
Date Analyzed	: 07/11/22 19:41
Date Extracted	: 07/03/22
Dilution Factor	: 1
Analyst	: JG
Instrument ID	: SV107
GC Column	: RTX5-MS
%Solids	: N/A
Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	83.	2.0	0.50	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND UJ	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	0.53	5.0	0.49	J
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND UJ	5.0	0.77	U
86-74-8	Carbazole	40.	2.0	0.49	
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND UJ	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: L2234768-01	Date Collected	: 06/29/22 12:00
Client ID	: RIBW-02	Date Received	: 06/29/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/11/22 19:41
Sample Matrix	: WATER	Date Extracted	: 07/03/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 34768-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: L2234768-01	Date Collected	: 06/29/22 12:00
Client ID	: RIBW-02	Date Received	: 06/29/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/11/22 19:41
Sample Matrix	: WATER	Date Extracted	: 07/03/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 34768-01	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 16

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Benzene	2.52	13.4	J R
	Unknown Benzene	5.17	23.6	J
	Unknown Benzene	5.52	15	J
000496-11-7	Indane	5.66	66.3	NJ
	Unknown	5.77	20.1	J
000090-12-0	Naphthalene, 1-methyl-	7.85	16.5	NJ R
	Unknown Naphthalene	8.39	32.5	J
	Unknown Naphthalene	8.46	47.8	J
	Unknown Naphthalene	8.56	28.5	J
	Unknown Naphthalene	8.64	14.3	J
	Unknown	8.83	11.3	J
	Unknown Naphthalene	9.03	16.7	J
	Unknown Organic Acid	9.10	13.8	J
	Unknown PAH	9.29	73.5	J R
010544-50-0	Cyclic octaatomic sulfur	11.33	91.7	NJ
	Total TIC Compounds		485J	J

JN

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: L2234768-01	Date Collected	: 06/29/22 12:00
Client ID	: RIBW-02	Date Received	: 06/29/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/11/22 12:50
Sample Matrix	: WATER	Date Extracted	: 07/03/22
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 34768-01	Analyst	: RP
Sample Amount	: 275 ml	Instrument ID	: SV128
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter		ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	120	130 D	0.10	0.01	E
91-58-7	2-Chloronaphthalene		ND	0.20	0.02	U
206-44-0	Fluoranthene		6.8	0.10	0.02	
87-68-3	Hexachlorobutadiene		ND	0.50	0.05	U
91-20-3	Naphthalene	160	150 D	0.10	0.05	E
56-55-3	Benzo(a)anthracene		0.82	0.10	0.02	
50-32-8	Benzo(a)pyrene		0.37	0.10	0.02	
205-99-2	Benzo(b)fluoranthene		0.47	0.10	0.01	
207-08-9	Benzo(k)fluoranthene		0.19	0.10	0.01	
218-01-9	Chrysene		0.62	0.10	0.01	
208-96-8	Acenaphthylene		4.0	0.10	0.01	
120-12-7	Anthracene		5.4	0.10	0.01	
191-24-2	Benzo(ghi)perylene		0.13	0.10	0.01	
86-73-7	Fluorene	76	76 D	0.10	0.01	E
85-01-8	Phenanthrene		55	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene		0.04	0.10	0.01	J
193-39-5	Indeno(1,2,3-cd)pyrene		0.17	0.10	0.01	
129-00-0	Pyrene		4.4	0.10	0.02	
91-57-6	2-Methylnaphthalene		1.9	0.10	0.02	
87-86-5	Pentachlorophenol		ND	0.80	0.01	U
118-74-1	Hexachlorobenzene		ND	0.80	0.01	U
67-72-1	Hexachloroethane		ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: L2234768-01D	Date Collected	: 06/29/22 12:00
Client ID	: RIBW-02	Date Received	: 06/29/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/21/22 16:06
Sample Matrix	: WATER	Date Extracted	: 07/03/22
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 5
Lab File ID	: 768-01D1	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV119
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	120	0.50	0.07	
91-20-3	Naphthalene	160	0.50	0.24	
86-73-7	Fluorene	76	0.50	0.07	

sec initial analysis

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: L2234768-01	Date Collected	: 06/29/22 12:00
Client ID	: RIBW-02	Date Received	: 06/29/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/15/22 23:20
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I64430	Analyst	: MP
Sample Amount	: 268.58 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	10.5	1.86	0.380	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.66	1.86	0.369	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.78	1.86	0.222	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.05	1.86	0.305	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.819	1.86	0.210	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.86	0.350	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.689	1.86	0.220	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.86	1.24	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.86	0.640	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.86	0.290	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.86	0.469	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.86	0.283	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.86	1.13	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	~~ND~~ UJ	1.86	0.603	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.86	0.242	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.86	0.912	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	~~ND~~ UJ	1.86	0.540	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~~ND~~ UJ	1.86	0.748	U

JB

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.
Project Name	: 625 SOUTH GOODMAN
Lab ID	: L2234768-01
Client ID	: RIBW-02
Sample Location	: ROCHESTER, NY
Sample Matrix	: WATER
Analytical Method	: 134,LCMSMS-ID
Lab File ID	: I64430
Sample Amount	: 268.58 g
Extraction Method	: ALPHA 23528
Extract Volume	: 1000 uL
GPC Cleanup	: N

Lab Number	: L2234768
Project Number	: 2172056
Date Collected	: 06/29/22 12:00
Date Received	: 06/29/22
Date Analyzed	: 07/15/22 23:20
Date Extracted	: 07/07/22
Dilution Factor	: 1
Analyst	: MP
Instrument ID	: LCMS02
GC Column	: Acquity UPLC BEH C18
%Solids	: N/A
Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	~~ND~~ UJ	1.86	0.346	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.86	0.304	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	~~ND~~ UJ	1.86	0.231	U
NONE	PFOA/PFOS, Total	0.689	1.86	0.220	J

Surrogate Recovery Summary
Form 2
Volatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN

Lab Number: L2234768
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
RIBW-02 (L2234768-01D)	114	95	93	117	0
WG1661362-3LCS	93	100	102	96	0
WG1661362-4LCSD	99	101	98	102	0
WG1661362-5BLANK	101	97	101	103	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

* Values outside of QC limits

FORM II NYTCL-8260-R2

Laboratory Control Sample Summary
Form 3
Volatiles

Client : LaBella Associates, P.C.
Project Name : 625 SOUTH GOODMAN
Matrix (Level) : WATER (LOW)
LCS Sample ID : WG1661362-3 Analysis Date : 07/09/22 08:03 File ID : VE220709A01
LCSD Sample ID : WG1661362-4 Analysis Date : 07/09/22 08:23 File ID : VE220709A02

Lab Number : L2234768
Project Number : 2172056

Parameter	Laboratory Control Sample True (ug/l)	Found (ug/l)	%R	Laboratory Control Duplicate True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	9.8	98	10	9.7	97	1	70-130	20
1,1-Dichloroethane	10	10	100	10	11	110	10	70-130	20
Chloroform	10	10	100	10	11	110	10	70-130	20
Carbon tetrachloride	10	11	110	10	12	120	9	63-132	20
1,2-Dichloropropane	10	9.8	98	10	10	100	2	70-130	20
Dibromochloromethane	10	10	100	10	10	100	0	63-130	20
1,1,2-Trichloroethane	10	10	100	10	9.7	97	3	70-130	20
Tetrachloroethene	10	10	100	10	10	100	0	70-130	20
Chlorobenzene	10	10	100	10	11	110	10	75-130	20
Trichlorofluoromethane	10	11	110	10	11	110	0	62-150	20
1,2-Dichloroethane	10	9.8	98	10	10	100	2	70-130	20
1,1,1-Trichloroethane	10	11	110	10	11	110	0	67-130	20
Bromodichloromethane	10	9.9	99	10	11	110	11	67-130	20
trans-1,3-Dichloropropene	10	10	100	10	10	100	0	70-130	20
cis-1,3-Dichloropropene	10	10	100	10	11	110	10	70-130	20
Bromoform	10	10	100	10	9.6	96	4	54-136	20
1,1,2,2-Tetrachloroethane	10	8.7	87	10	9.3	93	7	67-130	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	10	100	10	10	100	0	70-130	20
Ethylbenzene	10	10	100	10	10	100	0	70-130	20
Chloromethane	10	8.3	83	10	8.6	86	4	64-130	20
Bromomethane	10	6.3	63	10	7.5	75	17	39-139	20
Vinyl chloride	10	11	110	10	11	110	0	55-140	20
Chloroethane	10	12	120	10	13	130	8	55-138	20
1,1-Dichloroethene	10	11	110	10	11	110	0	61-145	20
trans-1,2-Dichloroethene	10	9.7	97	10	10	100	3	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234768
Project Name	: 625 SOUTH GOODMAN	**Project Number**	: 2172056
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1661362-3	**Analysis Date** : 07/09/22 08:03	**File ID** : VE220709A01
LCSD Sample ID	: WG1661362-4	**Analysis Date** : 07/09/22 08:23	**File ID** : VE220709A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	10	10	100	10	11	110	10	70-130	20
1,2-Dichlorobenzene	10	11	110	10	8.3	83	28 Q	70-130	20
1,3-Dichlorobenzene	10	11	110	10	11	110	0	70-130	20
1,4-Dichlorobenzene	10	11	110	10	11	110	0	70-130	20
Methyl tert butyl ether	10	9.3	93	10	9.8	98	5	63-130	20
p/m-Xylene	20	22	110	20	22	110	0	70-130	20
o-Xylene	20	22	110	20	23	115	4	70-130	20
cis-1,2-Dichloroethene	10	9.7	97	10	10	100	3	70-130	20
Styrene	20	22	110	20	23	115	4	70-130	20
Dichlorodifluoromethane	10	12	120	10	12	120	0	36-147	20
Acetone	10	8.2	82	10	8.3	83	1	58-148	20
Carbon disulfide	10	11	110	10	11	110	0	51-130	20
2-Butanone	10	7.0	70	10	7.2	72	3	63-138	20
4-Methyl-2-pentanone	10	7.1	71	10	8.6	86	19	59-130	20
2-Hexanone	10	6.7	67	10	7.8	78	15	57-130	20
1,2-Dibromoethane	10	9.2	92	10	9.5	95	3	70-130	20
n-Butylbenzene	10	10	100	10	8.0	80	22 Q	53-136	20
sec-Butylbenzene	10	10	100	10	10	100	0	70-130	20
tert-Butylbenzene	10	11	110	10	11	110	0	70-130	20
1,2-Dibromo-3-chloropropane	10	7.7	77	10	8.0	80	4	41-144	20
Isopropylbenzene	10	11	110	10	11	110	0	70-130	20
p-Isopropyltoluene	10	11	110	10	10	100	10	70-130	20
Naphthalene	10	7.8	78	10	7.9	79	1	70-130	20
n-Propylbenzene	10	11	110	10	11	110	0	69-130	20
1,2,4-Trichlorobenzene	10	9.4	94	10	9.5	95	1	70-130	20
1,3,5-Trimethylbenzene	10	11	110	10	11	110	0	64-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client : LaBella Associates, P.C.
Project Name : 625 SOUTH GOODMAN
Matrix (Level) : WATER (LOW)
LCS Sample ID : WG1661362-3 Analysis Date : 07/09/22 08:03 File ID : VE220709A01
LCSD Sample ID : WG1661362-4 Analysis Date : 07/09/22 08:23 File ID : VE220709A02

Lab Number : L2234768
Project Number : 2172056

Parameter	Laboratory Control Sample True (ug/l)	Found (ug/l)	%R	Laboratory Control Duplicate True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	10	11	110	10	11	110	0	70-130	20
Methyl Acetate	10	7.6	76	10	8.1	81	6	70-130	20
Cyclohexane	10	10	100	10	11	110	10	70-130	20
Freon-113	10	11	110	10	12	120	9	70-130	20
Methyl cyclohexane	10	9.9	99	10	11	110	11	70-130	20

Method Blank Summary
Form 4
Volatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab Sample ID	: WG1661362-5	Lab File ID	: VE220709A05
Instrument ID	: ELAINE		
Matrix	: WATER	Analysis Date	: 07/09/22 09:24

Client Sample No.	Lab Sample ID	Analysis Date
WG1661362-3LCS	WG1661362-3	07/09/22 08:03
WG1661362-4LCSD	WG1661362-4	07/09/22 08:23
RIBW-02	L2234768-01D	07/09/22 14:30

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: WG1661362-5	Date Collected	: NA
Client ID	: WG1661362-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/09/22 09:24
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VE220709A05	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.
Project Name	: 625 SOUTH GOODMAN
Lab ID	: WG1661362-5
Client ID	: WG1661362-5BLANK
Sample Location	:
Sample Matrix	: WATER
Analytical Method	: 1,8260C
Lab File ID	: VE220709A05
Sample Amount	: 10 ml
Level	: LOW
Extract Volume (MeOH)	: N/A

Lab Number	: L2234768
Project Number	: 2172056
Date Collected	: NA
Date Received	: NA
Date Analyzed	: 07/09/22 09:24
Dilution Factor	: 1
Analyst	: PD
Instrument ID	: ELAINE
GC Column	: RTX-502.2
%Solids	: N/A
Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: WG1661362-5	Date Collected	: NA
Client ID	: WG1661362-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/09/22 09:24
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VE220709A05	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: WG1661362-5	Date Collected	: NA
Client ID	: WG1661362-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/09/22 09:24
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: VE220709A05	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: ELAINE	Analysis Date	: 07/01/22 17:55
Tune Standard	: WG1658973-1	Tune File ID	: VE220701NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	25.1
75	30.0 - 80.0% of mass 95	53.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	71.2
175	5.0 - 9.0% of mass 174	5.4 (7.6)1
176	Greater than 95.0% but less than 101% of mass	68.9 (96.7)1
177	5.0 - 9.0% of mass 176	5 (7.3)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1583125-1	VE220701N04	07/01/22 19:21
STD0.5PPB	R1583125-8	VE220701N06	07/01/22 20:05
STD2PPB	R1583125-7	VE220701N08	07/01/22 20:49
STD10PPB	R1583125-6	VE220701N09	07/01/22 21:11
STD30PPB	R1583125-4	VE220701N10	07/01/22 21:33
STD80PPB	R1583125-2	VE220701N11	07/01/22 21:55
STD120PPB	R1583125-5	VE220701N12	07/01/22 22:17
STD200PPB	R1583125-3	VE220701N13	07/01/22 22:38
Correlation Data Summary	R1583125-9	VE220701N18	07/02/22 00:26
ICV Quant Report	R1583125-9	VE220701N18	07/02/22 00:26

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: ELAINE	Analysis Date	: 07/09/22 07:49
Tune Standard	: WG1661362-1	Tune File ID	: VE220709ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	23.8
75	30.0 - 80.0% of mass 95	53
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	68.1
175	5.0 - 9.0% of mass 174	5.1 (7.5)1
176	Greater than 95.0% but less than 101% of mass	68.1 (99.9)1
177	5.0 - 9.0% of mass 176	4.5 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1661362-2CCAL	WG1661362-2	VE220709A01	07/09/22 08:03
WG1661362-3LCS	WG1661362-3	VE220709A01	07/09/22 08:03
WG1661362-4LCSD	WG1661362-4	VE220709A02	07/09/22 08:23
WG1661362-5BLANK	WG1661362-5	VE220709A05	07/09/22 09:24
RIBW-02	L2234768-01D	VE220709A20	07/09/22 14:30

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234768
Project Name	: 625 SOUTH GOODMAN	**Project Number**	: 2172056
Instrument ID	: ELAINE	**Analysis Date**	: 07/09/22 08:03:00
Sample No	: WG1661362-2	**Lab File ID**	: VE220709A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1661362-2	187010	5.27	138855	8.36	63355	9.87
Upper Limit	374020	5.77	277710	8.86	126710	10.37
Lower Limit	93505	4.77	69428	7.86	31678	9.37
Sample ID						
WG1661362-3 LCS	187010	5.27	138855	8.36	63355	9.87
WG1661362-4 LCSD	177198	5.27	134971	8.36	64367	9.87
WG1661362-5 BLANK	163891	5.27	127742	8.36	56035	9.87
RIBW-02	132154	5.27	112765	8.36	56403	9.87

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1658507-2 Analysis Date : 07/11/22 12:20	File ID	: 658507-2
LCSD Sample ID	: WG1658507-3 Analysis Date : 07/11/22 12:45	File ID	: 658507-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	18	11.	62	18	11.	62	0	40-140	30
3,3'-Dichlorobenzidine	18	9.0	49	18	9.9	54	10	40-140	30
2,4-Dinitrotoluene	18	11.	62	18	11.	63	2	48-143	30
2,6-Dinitrotoluene	18	11.	60	18	11.	62	3	40-140	30
4-Chlorophenyl phenyl ether	18	12.	65	18	12.	64	2	40-140	30
4-Bromophenyl phenyl ether	18	12.	67	18	12.	68	1	40-140	30
Bis(2-chloroisopropyl)ether	18	11.	61	18	11.	60	2	40-140	30
Bis(2-chloroethoxy)methane	18	12.	65	18	12.	66	2	40-140	30
Hexachlorocyclopentadiene	18	8.5	47	18	8.4	46	2	40-140	30
Isophorone	18	12.	66	18	12.	67	2	40-140	30
Nitrobenzene	18	11.	61	18	12.	63	3	40-140	30
NDPA/DPA	18	11.	63	18	12.	67	6	40-140	30
n-Nitrosodi-n-propylamine	18	12.	66	18	12.	66	0	29-132	30
Bis(2-ethylhexyl)phthalate	18	12.	69	18	13.	72	4	40-140	30
Butyl benzyl phthalate	18	14.	77	18	14.	78	1	40-140	30
Di-n-butylphthalate	18	12.	64	18	11.	62	3	40-140	30
Di-n-octylphthalate	18	13.	70	18	13.	71	1	40-140	30
Diethyl phthalate	18	12.	67	18	12.	67	0	40-140	30
Dimethyl phthalate	18	12.	67	18	12.	68	1	40-140	30
Biphenyl	18	12.	68	18	12.	68	0	40-140	30
4-Chloroaniline	18	9.7	53	18	9.6	53	0	40-140	30
2-Nitroaniline	18	11.	62	18	12.	64	3	52-143	30
3-Nitroaniline	18	9.7	53	18	10.	56	6	25-145	30
4-Nitroaniline	18	11.	60	18	11.	62	3	51-143	30
Dibenzofuran	18	12.	63	18	12.	66	5	40-140	30
1,2,4,5-Tetrachlorobenzene	18	11.	62	18	12.	64	3	2-134	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1658507-2 Analysis Date : 07/11/22 12:20	File ID	: 658507-2
LCSD Sample ID	: WG1658507-3 Analysis Date : 07/11/22 12:45	File ID	: 658507-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acetophenone	18	13.	70	18	13.	70	0	39-129	30
2,4,6-Trichlorophenol	18	12.	64	18	12.	66	3	30-130	30
p-Chloro-m-cresol	18	13.	70	18	12.	69	1	23-97	30
2-Chlorophenol	18	11.	61	18	11.	62	2	27-123	30
2,4-Dichlorophenol	18	11.	63	18	12.	66	5	30-130	30
2,4-Dimethylphenol	18	9.7	54	18	10.	55	2	30-130	30
2-Nitrophenol	18	12.	63	18	12.	65	3	30-130	30
4-Nitrophenol	18	11.	63	18	11.	62	2	10-80	30
2,4-Dinitrophenol	18	9.6	53	18	9.4	52	2	20-130	30
4,6-Dinitro-o-cresol	18	10.	58	18	11.	60	3	20-164	30
Phenol	18	9.5	52	18	9.0	50	4	12-110	30
2-Methylphenol	18	11.	61	18	11.	61	0	30-130	30
3-Methylphenol/4-Methylphenol	18	12.	69	18	12.	69	0	30-130	30
2,4,5-Trichlorophenol	18	12.	67	18	12.	68	1	30-130	30
Carbazole	18	13.	74	18	13.	72	3	55-144	30
Atrazine	18	17.	94	18	17.	93	1	40-140	30
Benzaldehyde	18	15.	81	18	15.	82	1	40-140	30
Caprolactam	18	6.8	37	18	6.5	36	3	10-130	30
2,3,4,6-Tetrachlorophenol	18	11.	59	18	11.	60	2	40-140	30

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN

Lab Number: L2234768
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
RIBW-02 (L2234768-01)	48	38	55	54	76	56	0
WG1658507-1BLANK	27	31	48	53	26	58	0
WG1658507-2LCS	60	51	62	65	66	71	0
WG1658507-3LCSD	57	50	66	65	73	68	0

QC LIMITS

(21-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(15-120) FBP = 2-FLUOROBIPHENYL
(10-120) TBP = 2,4,6-TRIBROMOPHENOL
(41-149) TPH = 4-TERPHENYL-D14

* Values outside of QC limits

Method Blank Summary
Form 4
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab Sample ID	: WG1658507-1	Lab File ID	: 658507-1
Instrument ID	: SV107	Extraction Date	: 07/03/22
Matrix	: WATER	Analysis Date	: 07/11/22 11:54
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1658507-2LCS	WG1658507-2	07/11/22 12:20
WG1658507-3LCSD	WG1658507-3	07/11/22 12:45
RIBW-02	L2234768-01	07/11/22 19:41

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: WG1658507-1	Date Collected	: NA
Client ID	: WG1658507-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/11/22 11:54
Sample Matrix	: WATER	Date Extracted	: 07/03/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 658507-1	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	2.2	3.0	1.5	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: WG1658507-1	Date Collected	: NA
Client ID	: WG1658507-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/11/22 11:54
Sample Matrix	: WATER	Date Extracted	: 07/03/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 658507-1	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: WG1658507-1	Date Collected	: NA
Client ID	: WG1658507-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/11/22 11:54
Sample Matrix	: WATER	Date Extracted	: 07/03/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 658507-1	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: WG1658507-1	Date Collected	: NA
Client ID	: WG1658507-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/11/22 11:54
Sample Matrix	: WATER	Date Extracted	: 07/03/22
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 658507-1	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 16

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Organic Acid	10.86	5.2	J
	Unknown Organic Acid	11.62	9.74	J
	Unknown	12.09	2.98	J
	Unknown	12.76	2.14	J
	Unknown	12.98	6.04	J
	Unknown	13.57	4	J
	Unknown	13.64	3.45	J
	Unknown	13.68	2.87	J
	Unknown Alcohol	13.85	7.93	J
	Unknown Siloxane	13.96	2	J
	Unknown	14.49	3.85	J
	Unknown	14.69	5.31	J
	Unknown Alcohol	15.29	3.82	J
	Unknown	15.44	2.33	J
	Unknown	16.06	3.05	J
	Total TIC Compounds		64.7J	J

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: SV107	Analysis Date	: 07/08/22 13:01
Tune Standard	: R1585276-34	Tune File ID	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	46.9
68	Less than 2.0% of mass 69	0.7 (1.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	52.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	16.4
365	Greater than 1.0% of mass 198	1.7
441	Present, but less than 24% of mass 442	17.1
442	Base Peak, or >50% of mass 198	59
443	15.0 - 24.0% of mass 442	11.3 (19.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1585276-1	ABNL10	07/08/22 13:27
ABNL9	R1585276-10	ABNL9	07/08/22 13:53
ABNL8	R1585276-9	ABNL8	07/08/22 14:19
ABNL7	R1585276-8	ABNL7	07/08/22 14:46
ABNL6	R1585276-7	ABNL6	07/08/22 15:12
ABNL5	R1585276-5	ABNL5	07/08/22 15:38
ABNL4	R1585276-6	ABNL4	07/08/22 16:05
ABNL3	R1585276-3	ABNL3	07/08/22 16:31
ABNL2	R1585276-4	ABNL2	07/08/22 18:04
ABNL1	R1585276-2	ABNL1	07/08/22 18:30
AP9L10	R1585276-22	AP9L10	07/08/22 18:57
AP9L9	R1585276-27	AP9L9	07/08/22 19:23
AP9L8	R1585276-29	AP9L8	07/08/22 19:49
AP9L7	R1585276-30	AP9L7	07/08/22 20:15
AP9L6	R1585276-28	AP9L6	07/08/22 20:41
AP9L5	R1585276-24	AP9L5	07/08/22 21:07
AP9L4	R1585276-26	AP9L4	07/08/22 21:33
AP9L3	R1585276-25	AP9L3	07/08/22 21:59
AP9L2	R1585276-23	AP9L2	07/08/22 22:26
AP9L1	R1585276-21	AP9L1	07/08/22 22:51
ABN ICV Quant Report	R1585276-31	ABNICV	07/08/22 23:18

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: SV107	Analysis Date	: 07/09/22 00:09
Tune Standard	: R1585276-35	Tune File ID	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	38.8
68	Less than 2.0% of mass 69	0.6 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	49.3
197	Less than 2.0% of mass 198	0.1
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	17.9
365	Greater than 1.0% of mass 198	1.9
441	Present, but less than 24% of mass 442	18.1
442	Base Peak, or >50% of mass 198	65.9
443	15.0 - 24.0% of mass 442	12.8 (19.4)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R1585276-11	ADPL10	07/09/22 00:35
ADPL9	R1585276-20	ADPL9	07/09/22 01:01
ADPL8	R1585276-19	ADPL8	07/09/22 01:27
ADPL7	R1585276-18	ADPL7	07/09/22 01:53
ADPL6	R1585276-17	ADPL6	07/09/22 02:18
ADPL5	R1585276-16	ADPL5	07/09/22 02:44
ADPL4	R1585276-15	ADPL4	07/09/22 03:10
ADPL3	R1585276-14	ADPL3	07/09/22 03:35
ADPL2	R1585276-13	ADPL2	07/09/22 04:01
ADPL1	R1585276-12	ADPL1	07/09/22 04:26
AP9 ICV Quant Report	R1585276-32	ADPICV	07/09/22 04:52

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: SV107	Analysis Date	: 07/09/22 11:14
Tune Standard	: R1585276-36	Tune File ID	: Tune3_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	41
68	Less than 2.0% of mass 69	0.6 (1.5)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	50.9
197	Less than 2.0% of mass 198	0.8
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	17.2
365	Greater than 1.0% of mass 198	1.7
441	Present, but less than 24% of mass 442	17.6
442	Base Peak, or >50% of mass 198	59.3
443	15.0 - 24.0% of mass 442	11.5 (19.4)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADP ICV Quant Report	R1585276-33	AP9ICVA	07/09/22 11:40

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: SV107	Analysis Date	: 07/11/22 09:45
Tune Standard	: WG1661258-1	Tune File ID	: DEG0711_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	37.9
68	Less than 2.0% of mass 69	0.6 (1.5)1
69		100
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	49.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	19.1
365	Greater than 1.0% of mass 198	2
441	Present, but less than 24% of mass 442	17.3
442	Base Peak, or >50% of mass 198	73.5
443	15.0 - 24.0% of mass 442	14.5 (19.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1661258-6TFACTOR-B	WG1661258-6	DEG0711	07/11/22 09:45
WG1661258-7TFACTOR-P	WG1661258-7	DEG0711	07/11/22 09:45
WG1661258-3CCAL	WG1661258-3	ABN0711	07/11/22 10:10
WG1661258-4CCAL	WG1661258-4	AP90711	07/11/22 10:38
WG1661258-5CCAL	WG1661258-5	ADP0711	07/11/22 11:04
WG1658507-1BLANK	WG1658507-1	658507-1	07/11/22 11:54
WG1658507-2LCS	WG1658507-2	658507-2	07/11/22 12:20
WG1658507-3LCSD	WG1658507-3	658507-3	07/11/22 12:45
RIBW-02	L2234768-01	34768-01	07/11/22 19:41

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: SV107	Analysis Date	: 07/11/22 10:10:00
Sample No	: WG1661258-3	Lab File ID	: ABN0711

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1661258-3	49394	5.41	196413	6.99	112945	8.76
Upper Limit	98788	5.91	392826	7.49	225890	9.26
Lower Limit	24697	4.91	98207	6.49	56473	8.26
Sample ID						
WG1661258-4 CCAL	47153	5.41	177915	6.99	98733	8.76
WG1661258-5 CCAL	48591	5.41	-	-	103464	8.76
WG1658507-1 BLANK	52378	5.40	198587	6.99	113602	8.76
WG1658507-2 LCS	48500	5.41	187360	6.99	109681	8.76
WG1658507-3 LCSD	48834	5.41	192511	6.99	109305	8.76
RIBW-02	49879	5.41	202672	6.99	118607	8.76

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234768
Project Name	: 625 SOUTH GOODMAN	**Project Number**	: 2172056
Instrument ID	: SV107	**Analysis Date**	: 07/11/22 10:10:00
Sample No	: WG1661258-3	**Lab File ID**	: ABN0711

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1661258-3	221848	10.17	182564	12.69	173811	14.06
Upper Limit	443696	10.67	365128	13.19	347622	14.56
Lower Limit	110924	9.67	91282	12.19	86906	13.56
Sample ID						
WG1661258-4 CCAL	201185	10.17	-	-	-	-
WG1661258-5 CCAL	218513	10.17	-	-	-	-
WG1658507-1 BLANK	232984	10.17	205181	12.69	198559	14.07
WG1658507-2 LCS	210476	10.17	172860	12.69	164450	14.06
WG1658507-3 LCSD	215275	10.17	180930	12.69	177797	14.06
RIBW-02	236013	10.17	193840	12.69	185502	14.06

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN

Lab Number: L2234768
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
RIBW-02 (L2234768-01)	44	37	53	55	83	59	0
WG1658508-1BLANK	37	31	41	43	54	47	0
WG1658508-2LCS	46	44	55	58	62	69	0
WG1658508-3LCSD	55	50	63	62	77	86	0

QC LIMITS

(21-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(15-120) FBP = 2-FLUOROBIPHENYL
(10-120) TBP = 2,4,6-TRIBROMOPHENOL
(41-149) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1658508-2 Analysis Date : 07/07/22 10:35	File ID	: 658508-2
LCSD Sample ID	: WG1658508-3 Analysis Date : 07/07/22 10:51	File ID	: 658508-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	3.6	2.3	62	3.6	2.6	72	15	40-140	40
2-Chloronaphthalene	3.6	2.1	57	3.6	2.3	63	10	40-140	40
Fluoranthene	3.6	2.4	66	3.6	2.6	72	9	40-140	40
Hexachlorobutadiene	3.6	1.9	52	3.6	2.4	65	22	40-140	40
Naphthalene	3.6	2.0	56	3.6	2.5	69	21	40-140	40
Benzo(a)anthracene	3.6	2.4	65	3.6	2.7	73	12	40-140	40
Benzo(a)pyrene	3.6	2.4	65	3.6	2.7	73	12	40-140	40
Benzo(b)fluoranthene	3.6	2.4	67	3.6	2.9	80	18	40-140	40
Benzo(k)fluoranthene	3.6	2.5	68	3.6	2.7	73	7	40-140	40
Chrysene	3.6	2.3	63	3.6	2.7	74	16	40-140	40
Acenaphthylene	3.6	2.1	58	3.6	2.5	68	16	40-140	40
Anthracene	3.6	2.2	62	3.6	2.6	71	14	40-140	40
Benzo(ghi)perylene	3.6	2.4	66	3.6	2.8	77	15	40-140	40
Fluorene	3.6	2.4	65	3.6	2.5	68	5	40-140	40
Phenanthrene	3.6	2.3	64	3.6	2.6	73	13	40-140	40
Dibenzo(a,h)anthracene	3.6	2.5	69	3.6	2.9	79	14	40-140	40
Indeno(1,2,3-cd)pyrene	3.6	2.4	67	3.6	2.8	76	13	40-140	40
Pyrene	3.6	2.4	66	3.6	2.7	74	11	40-140	40
2-Methylnaphthalene	3.6	2.1	59	3.6	2.3	64	8	40-140	40
Pentachlorophenol	3.6	2.0	56	3.6	2.9	80	35	40-140	40
Hexachlorobenzene	3.6	2.5	70	3.6	3.3	90	25	40-140	40
Hexachloroethane	3.6	1.7	46	3.6	2.0	56	20	40-140	40

Method Blank Summary
Form 4
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab Sample ID	: WG1658508-1	Lab File ID	: 658508-1
Instrument ID	: SV128	Extraction Date	: 07/03/22
Matrix	: WATER	Analysis Date	: 07/14/22 11:27
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1658508-2LCS	WG1658508-2	07/07/22 10:35
WG1658508-3LCSD	WG1658508-3	07/07/22 10:51
RIBW-02	L2234768-01	07/11/22 12:50
RIBW-02	L2234768-01D	07/21/22 16:06

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: WG1658508-1	Date Collected	: NA
Client ID	: WG1658508-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/14/22 11:27
Sample Matrix	: WATER	Date Extracted	: 07/03/22
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 658508-1	Analyst	: JJW
Sample Amount	: 275 ml	Instrument ID	: SV128
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	0.02	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 02/09/22 15:43
Tune Standard	: R1531963-12	Tune File ID	: tune_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	47.5
68	Less than 2.0% of mass 69	0.2 (.3)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	50.1
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	25.4
365	Greater than 1.0% of mass 198	2.9
441	Present, but less than 24% of mass 442	17
442	Base Peak, or >50% of mass 198	67.4
443	15.0 - 24.0% of mass 442	12.8 (18.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
IL10	R1531963-1	IL10	02/09/22 16:10
IL9	R1531963-8	IL9	02/09/22 17:05
IL8	R1531963-7	IL8	02/09/22 17:22
IL7	R1531963-10	IL7	02/09/22 17:38
IL6	R1531963-9	IL6	02/09/22 17:54
IL5	R1531963-3	IL5	02/09/22 18:10
IL4	R1531963-5	IL4	02/09/22 18:27
IL3	R1531963-6	IL3	02/09/22 18:43
IL2	R1531963-4	IL2	02/09/22 18:59
IL1	R1531963-2	IL1	02/09/22 19:16
ICV Quant Report	R1531963-11	ICV	02/09/22 19:32

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 07/07/22 07:18
Tune Standard	: WG1659760-1	Tune File ID	: deg0707_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	36.5
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	48.3
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	26.7
365	Greater than 1.0% of mass 198	3.4
441	Present, but less than 24% of mass 442	17.8
442	Base Peak, or >50% of mass 198	87.2
443	15.0 - 24.0% of mass 442	16.9 (19.4)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1659760-4TFACTOR-B	WG1659760-4	DEG0707	07/07/22 07:18
WG1659760-5TFACTOR-P	WG1659760-5	DEG0707	07/07/22 07:18
WG1659760-3CCAL	WG1659760-3	CCV0707	07/07/22 07:38
WG1658508-2LCS	WG1658508-2	658508-2	07/07/22 10:35
WG1658508-3LCSD	WG1658508-3	658508-3	07/07/22 10:51

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 07/11/22 07:22
Tune Standard	: WG1661136-1	Tune File ID	: deg0711_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	36.4
68	Less than 2.0% of mass 69	0.3 (.9)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	47.9
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7.6
275	10.0 - 60.0% of Base Peak	28
365	Greater than 1.0% of mass 198	3.8
441	Present, but less than 24% of mass 442	16
442	Base Peak, or >50% of mass 198	90.5
443	15.0 - 24.0% of mass 442	18 (19.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1661136-4TFACTOR-B	WG1661136-4	DEG0711	07/11/22 07:22
WG1661136-5TFACTOR-P	WG1661136-5	DEG0711	07/11/22 07:22
WG1661136-3CCAL	WG1661136-3	CCV0711	07/11/22 07:43
RIBW-02	L2234768-01	34768-01	07/11/22 12:50

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 07/14/22 08:26
Tune Standard	: WG1662812-1	Tune File ID	: deg0714_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	36
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.1 (.3)1
127	10.0 - 80.0% of Base Peak	46.2
197	Less than 2.0% of mass 198	0.3
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.2
275	10.0 - 60.0% of Base Peak	28
365	Greater than 1.0% of mass 198	4.1
441	Present, but less than 24% of mass 442	17.9
442	Base Peak, or >50% of mass 198	92.7
443	15.0 - 24.0% of mass 442	18.8 (20.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1662812-4TFACTOR-B	WG1662812-4	DEG0714	07/14/22 08:26
WG1662812-5TFACTOR-P	WG1662812-5	DEG0714	07/14/22 08:26
WG1662812-3CCAL	WG1662812-3	CCV0714	07/14/22 08:45
WG1658508-1BLANK	WG1658508-1	658508-1	07/14/22 11:27

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: SV119	Analysis Date	: 03/08/22 16:53
Tune Standard	: R1544182-1	Tune File ID	: Tune_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	39.6
68	Less than 2.0% of mass 69	0.7 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.3 (.8)1
127	10.0 - 80.0% of Base Peak	51.6
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	25.2
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	17.8
442	Base Peak, or >50% of mass 198	75.6
443	15.0 - 24.0% of mass 442	14.2 (18.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
IL10	R1544182-2	IL10	03/08/22 17:22
IL9	R1544182-11	IL9	03/08/22 17:39
IL8	R1544182-8	IL8	03/08/22 17:55
IL7	R1544182-9	IL7	03/08/22 18:12
IL6	R1544182-7	IL6	03/08/22 18:29
IL5	R1544182-10	IL5	03/08/22 18:45
IL4	R1544182-6	IL4	03/08/22 19:02
IL3	R1544182-4	IL3	03/08/22 19:19
IL2	R1544182-5	IL2	03/08/22 19:36
IL1	R1544182-3	IL1	03/08/22 19:52
ICV Quant Report	R1544182-12	ICV	03/08/22 20:09

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: SV119	Analysis Date	: 07/21/22 07:03
Tune Standard	: WG1665591-1	Tune File ID	: deg0721_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	60.6
68	Less than 2.0% of mass 69	0.8 (1.9)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	54.4
197	Less than 2.0% of mass 198	0.3
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	23.8
365	Greater than 1.0% of mass 198	2.6
441	Present, but less than 24% of mass 442	18.2
442	Base Peak, or >50% of mass 198	71.2
443	15.0 - 24.0% of mass 442	13.2 (18.5)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1665591-4TFACTOR-B	WG1665591-4	DEG0721	07/21/22 07:03
WG1665591-5TFACTOR-P	WG1665591-5	DEG0721	07/21/22 07:03
WG1665591-3CCAL	WG1665591-3	CCV0721	07/21/22 07:20
RIBW-02	L2234768-01D	768-01D1	07/21/22 16:06

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234768
Project Name	: 625 SOUTH GOODMAN	**Project Number**	: 2172056
Instrument ID	: SV128	**Analysis Date**	: 07/07/22 07:38:00
Sample No	: WG1659760-3	**Lab File ID**	: CCV0707

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1659760-3	9837	2.13	33878	2.79	20122	3.77
Upper Limit	19674	2.63	67756	3.29	40244	4.27
Lower Limit	4919	1.63	16939	2.29	10061	3.27
Sample ID						
WG1658508-2 LCS	7970	2.13	28524	2.79	16707	3.77
WG1658508-3 LCSD	7580	2.13	29460	2.79	17251	3.77

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 07/07/22 07:38:00
Sample No	: WG1659760-3	Lab File ID	: CCV0707

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1659760-3	46781	4.62	51828	6.14	54979	7.28
Upper Limit	93562	5.12	103656	6.64	109958	7.78
Lower Limit	23391	4.12	25914	5.64	27490	6.78
Sample ID						
WG1658508-2 LCS	37439	4.61	39570	6.13	41696	7.27
WG1658508-3 LCSD	36880	4.61	43077	6.13	45929	7.27

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234768
Project Name	: 625 SOUTH GOODMAN	**Project Number**	: 2172056
Instrument ID	: SV128	**Analysis Date**	: 07/11/22 07:43:00
Sample No	: WG1661136-3	**Lab File ID**	: CCV0711

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1661136-3	7102	2.07	25166	2.74	15501	3.72
Upper Limit	14204	2.57	50332	3.24	31002	4.22
Lower Limit	3551	1.57	12583	2.24	7751	3.22
Sample ID						
RIBW-02	8629	2.08	30294	2.74	19014	3.72

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 07/11/22 07:43:00
Sample No	: WG1661136-3	Lab File ID	: CCV0711

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1661136-3	36591	4.56	43214	6.06	40700	7.14
Upper Limit	73182	5.06	86428	6.56	81400	7.64
Lower Limit	18296	4.06	21607	5.56	20350	6.64
Sample ID						
RIBW-02	43808	4.56	46189	6.06	45940	7.13

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234768
Project Name	: 625 SOUTH GOODMAN	**Project Number**	: 2172056
Instrument ID	: SV128	**Analysis Date**	: 07/14/22 08:45:00
Sample No	: WG1662812-3	**Lab File ID**	: CCV0714

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1662812-3	6401	2.07	22795	2.73	15235	3.71
Upper Limit	12802	2.57	45590	3.23	30470	4.21
Lower Limit	3201	1.57	11398	2.23	7618	3.21
Sample ID						
WG1658508-1 BLANK	7777	2.07	28361	2.73	19157	3.70

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 07/14/22 08:45:00
Sample No	: WG1662812-3	Lab File ID	: CCV0714

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1662812-3	33856	4.55	30964	6.07	35373	7.15
Upper Limit	67712	5.05	61928	6.57	70746	7.65
Lower Limit	16928	4.05	15482	5.57	17687	6.65
Sample ID						
WG1658508-1 BLANK	40784	4.54	44226	6.06	48334	7.14

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2234768
Project Name	: 625 SOUTH GOODMAN	**Project Number**	: 2172056
Instrument ID	: SV119	**Analysis Date**	: 07/21/22 07:20:00
Sample No	: WG1665591-3	**Lab File ID**	: CCV0721

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1665591-3	47747	1.97	192061	2.62	116279	3.59
Upper Limit	95494	2.47	384122	3.12	232558	4.09
Lower Limit	23874	1.47	96031	2.12	58140	3.09
Sample ID						
RIBW-02	59358	1.97	267709	2.63	185136	3.59

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Instrument ID	: SV119	Analysis Date	: 07/21/22 07:20:00
Sample No	: WG1665591-3	Lab File ID	: CCV0721

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1665591-3	262670	4.42	262984	5.95	270731	6.94
Upper Limit	525340	4.92	525968	6.45	541462	7.44
Lower Limit	131335	3.92	131492	5.45	135366	6.44
Sample ID						
RIBW-02	399431	4.42	358736	5.94	348418	6.93

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN

Lab Number: L2234768
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
RIBW-02 (L2234768-01)	90	86	94	83	90	88	91
WG1659669-1BLANK	96	105	97	99	97	100	94
WG1659669-2LCS	100	105	101	99	96	102	91
RIBW-01RMS	70	69	70	66	71	77	73
RIBW-01RMSD	90	85	81	77	85	89	90

QC LIMITS

(58-132) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
(62-163) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
(70-131) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
(57-129) S4 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
(60-129) S5 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
(71-134) S6 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)
(62-129) S7 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)

*** Values outside of QC limits**

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN

Lab Number: L2234768
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
RIBW-02 (L2234768-01)	113	94	101	90	97	53	75
WG1659669-1BLANK	70	96	92	88	67	75	83
WG1659669-2LCS	76	94	94	91	94	74	84
RIBW-01RMS	128	70	78	70	83	43	54*
RIBW-01RMSD	164*	84	78	81	91	53	66

QC LIMITS

(14-147) S8 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
(59-139) S9 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
(69-131) S10 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
(62-124) S11 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
(10-162) S12 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
(24-116) S13 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)
(55-137) S14 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)

* Values outside of QC limits

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN

Lab Number: L2234768
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()	TOT OUT
RIBW-02 (L2234768-01)	16	55	58	56	--	--	--	0
WG1659669-1BLANK	32	67	78	68	--	--	--	0
WG1659669-2LCS	27	68	79	78	--	--	--	0
RIBW-01RMS	16	46	50	39	--	--	--	1
RIBW-01RMSD	13	48	58	53	--	--	--	1

QC LIMITS

(10-112) S15 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
(27-126) S16 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
(48-131) S17 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
(22-136) S18 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE (Continued)

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Matrix (Level)	: WATER ()		
LCS Sample ID	: WG1659669-2	Analysis Date : 07/13/22 02:02	File ID : I23192
LCSD Sample ID	:	Analysis Date :	File ID :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
Perfluorobutanoic Acid (PFBA)	40	40.2	100				-	67-148	30
Perfluoropentanoic Acid (PFPeA)	40	40.1	100				-	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	35.5	35.1	99				-	65-157	30
Perfluorohexanoic Acid (PFHxA)	40	39.7	99				-	69-168	30
Perfluoroheptanoic Acid (PFHpA)	40	39.9	100				-	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	36.6	42.8	117				-	69-177	30
Perfluorooctanoic Acid (PFOA)	40	43.6	109				-	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	38.1	42.9	113				-	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.2	42.3	111				-	61-179	30
Perfluorononanoic Acid (PFNA)	40	39.5	99				-	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	37.1	43.1	116				-	52-151	30
Perfluorodecanoic Acid (PFDA)	40	42.8	107				-	63-171	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	38.4	34.6	90				-	56-173	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client : LaBella Associates, P.C.
Project Name : 625 SOUTH GOODMAN
Matrix (Level) : WATER ()
LCS Sample ID : WG1659669-2 Analysis Date : 07/13/22 02:02 File ID : I23192
LCSD Sample ID : Analysis Date : File ID :

Lab Number : L2234768
Project Number : 2172056

Parameter	Laboratory Control Sample True (ng/l)	Found (ng/l)	%R	Laboratory Control Duplicate True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	40	43.5	109				-	60-166	30
Perfluoroundecanoic Acid (PFUnA)	40	42.4	106				-	60-153	30
Perfluorodecanesulfonic Acid (PFDS)	38.6	36.2	94				-	38-156	30
Perfluorooctanesulfonamide (FOSA)	40	40.7	102				-	46-170	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	40	42.9	107				-	45-170	30
Perfluorododecanoic Acid (PFDoA)	40	42.7	107				-	67-153	30
Perfluorotridecanoic Acid (PFTrDA)	40	45.6	114				-	48-158	30
Perfluorotetradecanoic Acid (PFTA)	40	43.3	108				-	59-182	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Client Sample ID	: NA	Matrix (Level)	: WATER ()
Lab Sample ID	: NA	Analysis Date	: 07/13/22 02:36
Matrix Spike	: WG1659669-3	MS Analysis Date	: 07/13/22 02:52
Matrix Spike Dup	: WG1659669-4	MSD Analysis Date	: 07/13/22 03:09

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ng/l)	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	RPD	Recovery Limits	RPD Limit
Perfluorobutanoic Acid (PFBA)	17.8	38	54.7	97	36.8	54.4	100	1	67-148	30
Perfluoropentanoic Acid (PFPeA)	6.49	38	43.8	98	36.8	41.9	96	4	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	ND	33.7	33.2	98	32.6	32.3	99	3	65-157	30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	35.6	38.0	107	34.5	36.7	106	3	37-219	30
Perfluorohexanoic Acid (PFHxA)	2.31	38	39.0	97	36.8	39.3	101	1	69-168	30
Perfluoropentanesulfonic Acid (PFPeS)	ND	35.8	35.1	98	34.6	34.2	99	3	52-156	30
Perfluoroheptanoic Acid (PFHpA)	0.317J	38	37.2	97	36.8	38.0	102	2	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	ND	34.7	39.2	113	33.6	38.9	116	1	69-177	30
Perfluorooctanoic Acid (PFOA)	ND	38	40.0	105	36.8	38.0	103	5	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	36.1	37.9	105	35	38.5	110	2	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	36.2	34.2	94	35.1	38.9	111	13	61-179	30
Perfluorononanoic Acid (PFNA)	ND	38	39.6	104	36.8	37.3	101	6	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	ND	35.2	35.9	102	34.1	39.0	114	8	52-151	30
Perfluorodecanoic Acid (PFDA)	ND	38	34.7	91	36.8	33.6	91	3	63-171	30
1H,1H,2H,2H-Perfluorodecanesulfon	ND	36.4	37.1	102	35.3	34.2	97	8	56-173	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Client Sample ID	: NA	Matrix (Level)	: WATER ()
Lab Sample ID	: NA	Analysis Date	: 07/13/22 02:36
Matrix Spike	: WG1659669-3	MS Analysis Date	: 07/13/22 02:52
Matrix Spike Dup	: WG1659669-4	MSD Analysis Date	: 07/13/22 03:09

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ng/l)	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	RPD	Recovery Limits	RPD Limit
ic Acid (8:2FTS)										
Perfluorononanesulfonic Acid (PFNS)	ND	36.5	31.9	87	35.4	33.5	95	5	48-150	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	38	42.0	111	36.8	36.3	99	15	60-166	30
Perfluoroundecanoic Acid (PFUnA)	ND	38	40.6	107	36.8	36.6	100	10	60-153	30
Perfluorodecanesulfonic Acid (PFDS)	ND	36.7	29.2	80	35.5	27.5	77	6	38-156	30
Perfluorooctanesulfonamide (FOSA)	ND	38	40.7F	107	36.8	34.2F	93	17	46-170	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	38	38.0	100	36.8	36.9	100	3	45-170	30
Perfluorododecanoic Acid (PFDoA)	ND	38	38.2	101	36.8	34.8	95	9	67-153	30
Perfluorotridecanoic Acid (PFTrDA)	ND	38	39.8	105	36.8	38.6	105	3	48-158	30
Perfluorotetradecanoic Acid (PFTA)	ND	38	42.1	111	36.8	34.7	94	19	59-182	30

Method Blank Summary
Form 4
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab Sample ID	: WG1659669-1	Lab File ID	: I23191
Instrument ID	: LCMS01	Extraction Date	: 07/07/22
Matrix	: WATER	Analysis Date	: 07/13/22 01:46
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1659669-2LCS	WG1659669-2	07/13/22 02:02
RIBW-01RMS	WG1659669-3	07/13/22 02:52
RIBW-01RMSD	WG1659669-4	07/13/22 03:09
RIBW-02	L2234768-01	07/15/22 23:20

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: WG1659669-1	Date Collected	: NA
Client ID	: WG1659669-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/13/22 01:46
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I23191	Analyst	: RS
Sample Amount	: 250 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	2.00	0.408	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.00	0.396	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.00	0.238	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.00	0.328	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.00	0.225	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.00	0.376	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.00	0.236	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.00	1.33	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.00	0.688	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.00	0.312	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.00	0.504	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.00	0.304	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.00	1.21	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	2.00	0.648	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.00	0.260	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.00	0.980	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.580	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.00	0.804	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2234768
Project Name	: 625 SOUTH GOODMAN	Project Number	: 2172056
Lab ID	: WG1659669-1	Date Collected	: NA
Client ID	: WG1659669-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/13/22 01:46
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I23191	Analyst	: RS
Sample Amount	: 250 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.00	0.372	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.00	0.327	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.00	0.248	U
NONE	PFOA/PFOS, Total	ND	2.00	0.236	U

DATA USABILITY SUMMARY REPORT

for

LABELLA ASSOCIATES, P.C.

300 State Street

Rochester, NY 14614

SHERWOOD SHOE
Project 2172056
Aqueous Samples
SDG: L2235364
Sampled 07/01/22

VOLATILE ORGANICS and PFAS,

RIBW-03	(L2235364-01)
MW-08R	(L2235364-02)
FIELD BLANK	(L2235364-03)
EQUIPMENT BLANK	(L2235364-04)
TRIP BLANK	(L2235364-05)

DATA ASSESSMENT

An ASP Category B data package containing analytical results for two aqueous samples, a field blank, an equipment blank, and a trip blank was received from Labella Associates, P.C. on 07Jun22. The deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from the Sherwood Shoe site, were identified by Chain of Custody documents and traceable through the work of Alpha Analytical, the laboratory contracted for analysis. Analyses, performed according to SW-846 methods, addressed determinations of volatile organics and PFAS. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 07/2005. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP NO. HW-33A, Rev. #1, September 2016, Low/Medium Volatile Data Validation and the laboratory's modifications to Method 1633, SOP No. 23528, Rev12, 2/22/2019, PFAS by SPE and LC/MS/MS Isotope Dilution) were used as a technical reference.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Results presenting a usable estimation of the conditions at the time of sampling have been flagged "J" or "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed strict QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly. DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature: _____ Date: 28Jun23

James B. Baldwin
DATAVAL Inc.

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the time of sample collection. Samples must remain chilled to 4°C between the time of collection and the time of analysis. Acid preserved VOC samples must be analyzed within 14 days, unpreserved VOC samples within 7 days. The holding time for VOC soils is 14 days. Aqueous semivolatile organics, pesticide and PCB samples must be extracted within seven days of collection. Soils and PFAS samples must be extracted within 14 days. The extracts must then be analyzed within forty days of extraction. The holding times for cyanide and mercury samples are 14 and 28 days, respectively. Metals samples must be analyzed within six months.

This delivery group contained two aqueous samples, a field blank, and an equipment blank that were collected from the Sherwood Shoe site, transferred to a laboratory courier, and delivered to the laboratory on 01Jul22. At the time of laboratory receipt, the sample cooler was found to be intact and properly chilled. A cooler temperature of 2.3°C was recorded at that time.

It is noted that the preservation of VOC samples was not documented in the field custody record or verified in the laboratory at the time of analysis. It is also noted that VOC analyses were not performed within the holding time allowed for unpreserved samples. Based on these observations, the VOC results from this project have been qualified as estimations.

VOLATILE ORGANICS

Blanks

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks and trip blanks monitor sampling, sample transport, and sample storage activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

One method blank and a trip blank were analyzed with this group of samples. Although both of these blanks produced acceptable chromatography, the trip blank contained traces of a TIC eluting at 1.73 minutes. Similar concentrations were found in RIBW-03 and MW-08R. These TIC's are assumed to represent laboratory or program artifacts and have been removed from the affected sample reports.

Although not detected in the associated blanks, acetone and 2-butanone (MEK) were found in MW-08R and acetone was found in RIBW-03. These concentrations have been qualified as estimations

because low levels of acetone and 2-butanone frequently represent laboratory artifacts. They could not be removed from sample reports because acetone and 2-butanone were not detected in the associated blanks.

MS Tuning

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of BFB was analyzed prior to each analytical sequence that contained samples from this program. An Instrument Performance Check Form is present for each BFB evaluation. The BFB tunes associated with this delivery group satisfied the program acceptance criteria.

Calibrations

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibration for VOC was performed on 23May22. Standards of 0.19, 0.50, 2.0, 10, 30, 80, 120 and 200 µg/l were included. With the exception of trichloroethene, each analyte targeted by this program produced the required levels of instrument response and demonstrated an acceptable degree of linearity during this calibration. Trichloroethene standards, however, failed to produce the required levels of instrument response. The trichloroethene results from this project have been qualified as estimations based on this performance.

A calibration verification standard was analyzed on 13Jul22, prior to the 12-hour period of instrument operation that included samples from this program. When compared to the initial calibration, unacceptable shifts were observed in the instrument response of bromomethane and bromoform. Based on this performance, the bromomethane and bromoform results from this project have been qualified as estimations. It is noted that the response of trichloroethene remained low during this check.

Surrogates

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, based on the laboratory's in-house acceptance criteria. When compared to the

program requirements, however, an acceptable recovery was reported for each surrogate addition to this group of samples.

Internal Standards

Internal standards are added to each sample, blank and calibration standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of 2. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to this criteria, acceptable performance was demonstrated by the internal standard additions to each program sample.

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of measurement accuracy. A duplicate spiked aliquot provides a measurement of precision.

Although a sample from this program was not selected for matrix spiking, a pair of spiked blanks (LCS/LCSD) was analyzed with this group of samples. These LCS samples produced low recoveries of trichlorofluoromethane (61%,58%), bromomethane (25%,26%) and chloroethane (63%,59%). The trichlorofluoromethane, bromomethane and chloroethane results from this group of samples have been qualified as estimations based on these indications of negative bias.

Duplicates

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate sample was not included in this delivery group.

Reported Analytes

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were detected in this group of samples.

The presence of chloromethane in MW-08R could not be confirmed, based on the mass spectra references included in the raw data.

Chloromethane (CLMANE) should be interpreted as undetected in this sample.

PFAS ORGANICS

This group of samples was extracted for PFAS analysis on 07Jul22 and the extracts were analyzed on 15Jul22 and 16Jul22. The program holding time limitations were satisfied.

Blanks
Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

One method blank, a field blank, and an equipment blank were analyzed with this group of samples. Each of these blanks produced acceptable chromatography and was free of targeted analyte contamination.

Calibrations
Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibration for PFAS were performed on 02Jul22. Standards of 0.5, 1.0, 2.0, 5.0, 10, 25, 50, 100 and 250 ng/ml were included. Each targeted analyte demonstrated an acceptable degree of linearity during these calibrations.

It is noted that a second calibration was included in this data package. The second calibration, however, was only associated with QC samples.

Although six calibration check standards were analyzed, only one was directly associated with samples from this program. This calibration check produced a low recovery of br-NEtFOSAA (28%). Based on this indication of negative bias, the NEtFOSAA results from this project have been qualified as estimations.

Surrogates (Isotope Dilution Analytes - IDA)
Each sample, blank and standard is spiked with IDA compounds prior to extraction and analysis. Each analyte response is then compared to an isotopically labeled version of the same compound. This technique allows for the correction of bias that might be related to the sample matrix or sample preparation activities. Each IDA must produce a specified level of response.

Surrogate Summary Sheets were properly prepared, based on the laboratory's statistical acceptance criteria. When compared to

the method requirements, however, low recoveries were reported for the M5PFHxA, M2-6:2FTS, D3-NMeFOSAA, M7-PFUDA, M8FOSA, D5-NETFOSAA, MPFDoA and M2PFTEDA results from RIBW-03; the M2-6:2FTS, M2-8:2FTS, D3-NMeFOSAA, M7-PFUDA, M8FOSA, D5-NETFOSAA, MPFDoA and M2PFTEDA results from MW-08R; the M8MOSA and D5-NETFOSAA results from the Field Blank; and the D3-NMEFOSAA, M8FOSA and D5-NETFOSAA results from the Equipment Blank. Data that has been qualified as an estimation based on this performance is tabulated below.

SAMPLE	AFFECTED ANALYTES
RIBW-03	PFHxA 6:2FTS NMeFOSAA PFUnA FOSA NEtFOSAA PFDoA PFTrDA
MW-08R	6:2FTS 8:2FTS
FILD Blank	FOSA NEtFOSAA
Equipment Blank	NMeFOSAA FOSA NEtFOSAA

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

The sample for matrix spiking was selected from an unrelated delivery group. These MS/MSD samples demonstrated acceptable levels of measurement precision and accuracy.

A spiked blank (LCS) was also extracted and analyzed with this group of samples. The recoveries reported for this LCS sample demonstrated an acceptable level of measurement accuracy.

Duplicates

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate sample was not included in this delivery group.

SUMMARY OF QUALIFIED DATA

SHERWOOD SHOE

SAMPLED: 07/01/22

		PRESERVE VOC	BLANK VOC TIC	CALIBRATE CAL1*	SPIKES LCS*	SPECTRA ID CLMANE	BLANK ACETONE	BLANK MEK
RIBW-03	(L2235364-01)	ALL J/UJ	REMOVE	ALL UJ	ALL UJ		2.0J	
MW-08R	(L2235364-02)	ALL J/UJ	REMOVE	ALL J/UJ	ALL UJ	2.5UJ	32J	2.0J
FIELD BLANK	(L2235364-03)							
EQUIPMENT BLANK	(L2235364-04)							
TRIP BLANK	(L2235364-05)	ALL UJ		ALL UJ	ALL UJ			

CAL1* = trichloroethene, bromomethane, bromoform
LCS1* = trichlorofluoromethane, bromomethane, chloroethane

		CALIBRATE NEtFOSAA	SUROGATE PFAS
RIBW-03	(L2235364-01)	1.85UJ	TABLE*
MW-08R	(L2235364-02)	1.82UJ	TABLE*
FIELD BLANK	(L2235364-03)	1.84UJ	TABLE*
EQUIPMENT BLANK	(L2235364-04)	1.83UJ	TABLE*
TRIP BLANK	(L2235364-05)		

TABLE* = Data that has been qualified due to surrogate performance is tabulated on Page 7.

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-01	Date Collected	: 07/01/22 09:45
Client ID	: RIBW-03	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 22:18
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V05220713N14	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.57 J	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-01	Date Collected	: 07/01/22 09:45
Client ID	: RIBW-03	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 22:18
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V05220713N14	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	0.95	2.5	0.70	J
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.0	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-01	Date Collected	: 07/01/22 09:45
Client ID	: RIBW-03	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 22:18
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V05220713N14	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-01	Date Collected	: 07/01/22 09:45
Client ID	: RIBW-03	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 22:18
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V05220713N14	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 2

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.72	1.28	J
	Total TIC Compounds		1.28J	J

R

7/13/22

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-02	Date Collected	: 07/01/22 08:45
Client ID	: MW-08R	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 22:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V05220713N15	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	0.96	2.5	0.70	J
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

2.5 UJ UJ UJ

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-02	Date Collected	: 07/01/22 08:45
Client ID	: MW-08R	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 22:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V05220713N15	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	0.93 J	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	32 J	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	2.0 J	5.0	1.9	J
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-02	Date Collected	: 07/01/22 08:45
Client ID	: MW-08R	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 22:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V05220713N15	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-02	Date Collected	: 07/01/22 08:45
Client ID	: MW-08R	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 22:41
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V05220713N15	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 3

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.72	2.89	J
000624-92-0	Disulfide, dimethyl	7.36	4.93	NJ
	Total TIC Compounds		7.82J	J

R

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-05	Date Collected	: 07/01/22 09:40
Client ID	: TRIP BLANK	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 21:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V05220713N13	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-05	Date Collected	: 07/01/22 09:40
Client ID	: TRIP BLANK	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 21:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V05220713N13	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-05	Date Collected	: 07/01/22 09:40
Client ID	: TRIP BLANK	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 21:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V05220713N13	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-05	Date Collected	: 07/01/22 09:40
Client ID	: TRIP BLANK	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/13/22 21:55
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V05220713N13	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 2

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	1.73	1.7	J
	Total TIC Compounds		1.70J	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.
Project Name	: 625 SOUTH GOODMAN ST.
Lab ID	: L2235364-01
Client ID	: RIBW-03
Sample Location	: ROCHESTER, NY
Sample Matrix	: WATER
Analytical Method	: 134,LCMSMS-ID
Lab File ID	: I64432
Sample Amount	: 270.13 g
Extraction Method	: ALPHA 23528
Extract Volume	: 1000 uL
GPC Cleanup	: N

Lab Number	: L2235364
Project Number	: 2172056
Date Collected	: 07/01/22 09:45
Date Received	: 07/01/22
Date Analyzed	: 07/15/22 23:53
Date Extracted	: 07/07/22
Dilution Factor	: 1
Analyst	: MP
Instrument ID	: LCMS02
GC Column	: Acquity UPLC BEH C18
%Solids	: N/A
Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	218	1.85	0.378	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	634	1.85	0.366	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.726	1.85	0.220	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	245 J	1.85	0.304	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	106	1.85	0.208	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.85	0.348	U
335-67-1	Perfluorooctanoic Acid (PFOA)	7.66	1.85	0.218	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	~~ND~~ UJ	1.85	1.23	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.85	0.637	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.85	0.289	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.85	0.466	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.85	0.281	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.85	1.12	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	~~ND~~ UJ	1.85	0.600	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	~~ND~~ UJ	1.85	0.241	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.85	0.907	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	~~ND~~ UJ	1.85	0.537	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~~ND~~ UJ	1.85	0.744	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-01	Date Collected	: 07/01/22 09:45
Client ID	: RIBW-03	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/15/22 23:53
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I64432	Analyst	: MP
Sample Amount	: 270.13 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	~~ND~~ UJ	1.85	0.344	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	~~ND~~ UJ	1.85	0.303	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.85	0.230	U
NONE	PFOA/PFOS, Total	7.66	1.85	0.218	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-02	Date Collected	: 07/01/22 08:45
Client ID	: MW-08R	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/16/22 00:09
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I64433	Analyst	: MP
Sample Amount	: 275.21 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	20.1	1.82	0.371	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	7.80	1.82	0.360	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	7.98	1.82	0.216	F
307-24-4	Perfluorohexanoic Acid (PFHxA)	8.08	1.82	0.298	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	2.62	1.82	0.204	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.82	0.342	U
335-67-1	Perfluorooctanoic Acid (PFOA)	2.69	1.82	0.214	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.14 J	1.82	1.21	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.82	0.625	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.09	1.82	0.283	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	2.89	1.82	0.458	F
335-76-2	Perfluorodecanoic Acid (PFDA)	0.443	1.82	0.276	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	~~ND~~ UJ	1.82	1.10	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.82	0.589	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.82	0.236	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.82	0.890	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.82	0.527	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~~ND~~ UJ	1.82	0.730	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-02	Date Collected	: 07/01/22 08:45
Client ID	: MW-08R	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/16/22 00:09
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I64433	Analyst	: MP
Sample Amount	: 275.21 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.82	0.338	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.82	0.297	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.82	0.225	U
NONE	PFOA/PFOS, Total	5.58	1.82	0.214	

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-03	Date Collected	: 07/01/22 09:15
Client ID	: FIELD BLANK	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/16/22 00:26
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I64434	Analyst	: MP
Sample Amount	: 271.66 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.84	0.375	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.84	0.364	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.84	0.219	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.84	0.302	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.84	0.207	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.84	0.346	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.84	0.217	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.84	1.22	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.84	0.633	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.84	0.287	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.84	0.464	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.84	0.280	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.84	1.12	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.84	0.596	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.84	0.239	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.84	0.902	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND UJ	1.84	0.534	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND UJ	1.84	0.740	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-03	Date Collected	: 07/01/22 09:15
Client ID	: FIELD BLANK	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/16/22 00:26
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I64434	Analyst	: MP
Sample Amount	: 271.66 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.84	0.342	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.84	0.301	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.84	0.228	U
NONE	PFOA/PFOS, Total	ND	1.84	0.217	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: L2235364-04	Date Collected	: 07/01/22 09:30
Client ID	: EQUIPMENT BLANK	Date Received	: 07/01/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 07/16/22 00:43
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I64435	Analyst	: MP
Sample Amount	: 273.67 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.83	0.373	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.83	0.362	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.83	0.217	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.83	0.300	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.83	0.206	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.83	0.343	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.83	0.216	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.83	1.22	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.83	0.628	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.83	0.285	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.83	0.460	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.83	0.278	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.83	1.11	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	~~ND~~ UJ	1.83	0.592	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.83	0.238	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.83	0.895	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	~~ND~~ UJ	1.83	0.530	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~~ND~~ UJ	1.83	0.734	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.
Project Name	: 625 SOUTH GOODMAN ST.
Lab ID	: L2235364-04
Client ID	: EQUIPMENT BLANK
Sample Location	: ROCHESTER, NY
Sample Matrix	: WATER
Analytical Method	: 134,LCMSMS-ID
Lab File ID	: I64435
Sample Amount	: 273.67 g
Extraction Method	: ALPHA 23528
Extract Volume	: 1000 uL
GPC Cleanup	: N

Lab Number	: L2235364
Project Number	: 2172056
Date Collected	: 07/01/22 09:30
Date Received	: 07/01/22
Date Analyzed	: 07/16/22 00:43
Date Extracted	: 07/07/22
Dilution Factor	: 1
Analyst	: MP
Instrument ID	: LCMS02
GC Column	: Acquity UPLC BEH C18
%Solids	: N/A
Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.83	0.340	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.83	0.299	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.83	0.226	U
NONE	PFOA/PFOS, Total	ND	1.83	0.216	U

Surrogate Recovery Summary
Form 2
Volatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN ST.

Lab Number: L2235364
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
RIBW-03 (L2235364-01)	105	104	115	102	0
MW-08R (L2235364-02)	106	108	114	102	0
TRIP BLANK (L2235364-05)	105	103	115	102	0
WG1663351-3LCS	101	109	116	93	0
WG1663351-4LCSD	103	108	117	93	0
WG1663351-5BLANK	103	103	116	100	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

* Values outside of QC limits

FORM II NYTCL-8260-R2

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1663351-3	Analysis Date : 07/13/22 17:16	File ID : V05220713N01
LCSD Sample ID	: WG1663351-4	Analysis Date : 07/13/22 17:39	File ID : V05220713N02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	11	110	10	11	110	0	70-130	20
1,1-Dichloroethane	10	11	110	10	10	100	10	70-130	20
Chloroform	10	9.5	95	10	9.3	93	2	70-130	20
Carbon tetrachloride	10	9.1	91	10	8.9	89	2	63-132	20
1,2-Dichloropropane	10	10	100	10	10	100	0	70-130	20
Dibromochloromethane	10	8.3	83	10	8.3	83	0	63-130	20
1,1,2-Trichloroethane	10	9.9	99	10	10	100	1	70-130	20
Tetrachloroethene	10	9.3	93	10	8.7	87	7	70-130	20
Chlorobenzene	10	9.8	98	10	9.5	95	3	75-130	20
Trichlorofluoromethane	10	6.1	61 Q	10	5.8	58 Q	5	62-150	20
1,2-Dichloroethane	10	10	100	10	10	100	0	70-130	20
1,1,1-Trichloroethane	10	10	100	10	9.7	97	3	67-130	20
Bromodichloromethane	10	9.5	95	10	9.3	93	2	67-130	20
trans-1,3-Dichloropropene	10	9.7	97	10	9.6	96	1	70-130	20
cis-1,3-Dichloropropene	10	9.3	93	10	9.3	93	0	70-130	20
Bromoform	10	7.4	74	10	7.5	75	1	54-136	20
1,1,2,2-Tetrachloroethane	10	11	110	10	11	110	0	67-130	20
Benzene	10	9.9	99	10	9.6	96	3	70-130	20
Toluene	10	10	100	10	10	100	0	70-130	20
Ethylbenzene	10	10	100	10	10	100	0	70-130	20
Chloromethane	10	11	110	10	11	110	0	64-130	20
Bromomethane	10	2.5	25 Q	10	2.6	26 Q	4	39-139	20
Vinyl chloride	10	9.8	98	10	9.1	91	7	55-140	20
Chloroethane	10	6.3	63	10	5.9	59	7	55-138	20
1,1-Dichloroethene	10	11	110	10	10	100	10	61-145	20
trans-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1663351-3 Analysis Date : 07/13/22 17:16	File ID	: V05220713N01
LCSD Sample ID	: WG1663351-4 Analysis Date : 07/13/22 17:39	File ID	: V05220713N02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	10	8.1	81	10	8.0	80	1	70-130	20
1,2-Dichlorobenzene	10	9.5	95	10	9.6	96	1	70-130	20
1,3-Dichlorobenzene	10	9.6	96	10	9.6	96	0	70-130	20
1,4-Dichlorobenzene	10	9.4	94	10	9.4	94	0	70-130	20
Methyl tert butyl ether	10	10	100	10	10	100	0	63-130	20
p/m-Xylene	20	20	100	20	20	100	0	70-130	20
o-Xylene	20	20	100	20	19	95	5	70-130	20
cis-1,2-Dichloroethene	10	9.8	98	10	9.6	96	2	70-130	20
Styrene	20	19	95	20	19	95	0	70-130	20
Dichlorodifluoromethane	10	8.2	82	10	7.9	79	4	36-147	20
Acetone	10	12	120	10	11	110	9	58-148	20
Carbon disulfide	10	11	110	10	11	110	0	51-130	20
2-Butanone	10	11	110	10	11	110	0	63-138	20
4-Methyl-2-pentanone	10	9.8	98	10	10	100	2	59-130	20
2-Hexanone	10	11	110	10	12	120	9	57-130	20
1,2-Dibromoethane	10	9.6	96	10	9.6	96	0	70-130	20
n-Butylbenzene	10	11	110	10	11	110	0	53-136	20
sec-Butylbenzene	10	11	110	10	11	110	0	70-130	20
tert-Butylbenzene	10	11	110	10	10	100	10	70-130	20
1,2-Dibromo-3-chloropropane	10	8.0	80	10	8.1	81	1	41-144	20
Isopropylbenzene	10	11	110	10	11	110	0	70-130	20
p-Isopropyltoluene	10	10	100	10	10	100	0	70-130	20
Naphthalene	10	9.1	91	10	9.2	92	1	70-130	20
n-Propylbenzene	10	12	120	10	11	110	9	69-130	20
1,2,4-Trichlorobenzene	10	8.9	89	10	8.8	88	1	70-130	20
1,3,5-Trimethylbenzene	10	10	100	10	10	100	0	64-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1663351-3	Analysis Date : 07/13/22 17:16	File ID : V05220713N01
LCSD Sample ID	: WG1663351-4	Analysis Date : 07/13/22 17:39	File ID : V05220713N02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	10	11	110	10	10	100	10	70-130	20
Methyl Acetate	10	12	120	10	13	130	8	70-130	20
Cyclohexane	10	13	130	10	13	130	0	70-130	20
Freon-113	10	10	100	10	10	100	0	70-130	20
Methyl cyclohexane	10	10	100	10	10	100	0	70-130	20

Method Blank Summary
Form 4
Volatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab Sample ID	: WG1663351-5	Lab File ID	: V05220713N05
Instrument ID	: VOA105		
Matrix	: WATER	Analysis Date	: 07/13/22 18:49

Client Sample No.	Lab Sample ID	Analysis Date
WG1663351-3LCS	WG1663351-3	07/13/22 17:16
WG1663351-4LCSD	WG1663351-4	07/13/22 17:39
TRIP BLANK	L2235364-05	07/13/22 21:55
RIBW-03	L2235364-01	07/13/22 22:18
MW-08R	L2235364-02	07/13/22 22:41

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: WG1663351-5	Date Collected	: NA
Client ID	: WG1663351-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/13/22 18:49
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AJK
Lab File ID	: V05220713N05	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: WG1663351-5	Date Collected	: NA
Client ID	: WG1663351-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/13/22 18:49
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AJK
Lab File ID	: V05220713N05	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: WG1663351-5	Date Collected	: NA
Client ID	: WG1663351-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/13/22 18:49
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AJK
Lab File ID	: V05220713N05	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: WG1663351-5	Date Collected	: NA
Client ID	: WG1663351-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/13/22 18:49
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AJK
Lab File ID	: V05220713N05	Instrument ID	: VOA105
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Instrument ID	: VOA105	Analysis Date	: 05/23/22 21:44
Tune Standard	: WG1642246-1	Tune File ID	: V05220523PBF3_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	20.8
75	30.0 - 80.0% of mass 95	53.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	90.9
175	5.0 - 9.0% of mass 174	7.3 (8)1
176	Greater than 95.0% but less than 101% of mass	89.4 (98.3)1
177	5.0 - 9.0% of mass 176	6.4 (7.2)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1567727-1	V05220523P04	05/23/22 23:13
STD0.5PPB	R1567727-2	V05220523P06	05/23/22 23:59
STD02.0PPB	R1567727-3	V05220523P08	05/24/22 00:46
STD010PPB	R1567727-5	V05220523P09	05/24/22 01:09
STD030PPB	R1567727-4	V05220523P10	05/24/22 01:32
STD080PPB	R1567727-7	V05220523P11	05/24/22 01:56
STD0120PPB	R1567727-6	V05220523P12	05/24/22 02:19
STD0200PPB	R1567727-9	V05220523P13	05/24/22 02:42
Correlation Data Summary	R1567727-8	V05220523P18	05/24/22 04:38
ICV Quant Report	R1567727-8	V05220523P18	05/24/22 04:38

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Instrument ID	: VOA105	Analysis Date	: 07/13/22 16:57
Tune Standard	: WG1663351-1	Tune File ID	: V05220713NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	27.2
75	30.0 - 80.0% of mass 95	56.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	76.2
175	5.0 - 9.0% of mass 174	6.2 (8.2)1
176	Greater than 95.0% but less than 101% of mass	74.1 (97.2)1
177	5.0 - 9.0% of mass 176	5.3 (7.2)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1663351-2CCAL	WG1663351-2	V05220713N01	07/13/22 17:16
WG1663351-3LCS	WG1663351-3	V05220713N01	07/13/22 17:16
WG1663351-4LCSD	WG1663351-4	V05220713N02	07/13/22 17:39
WG1663351-5BLANK	WG1663351-5	V05220713N05	07/13/22 18:49
TRIP BLANK	L2235364-05	V05220713N13	07/13/22 21:55
RIBW-03	L2235364-01	V05220713N14	07/13/22 22:18
MW-08R	L2235364-02	V05220713N15	07/13/22 22:41

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	**Project Number**	: 2172056
Instrument ID	: VOA105	**Analysis Date**	: 07/13/22 17:16:00
Sample No	: WG1663351-2	**Lab File ID**	: V05220713N01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1663351-2	351557	5.86	269810	9.37	149533	12.11
Upper Limit	703114	6.36	539620	9.87	299066	12.61
Lower Limit	175779	5.36	134905	8.87	74767	11.61
Sample ID						
WG1663351-3 LCS	351557	5.86	269810	9.37	149533	12.11
WG1663351-4 LCSD	360309	5.86	276722	9.37	149953	12.11
WG1663351-5 BLANK	329373	5.86	264141	9.37	132412	12.11
TRIP BLANK	297599	5.86	243471	9.37	121529	12.11
RIBW-03	296877	5.86	242373	9.37	119940	12.11
MW-08R	294132	5.86	245085	9.37	122761	12.11

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN ST.

Lab Number: L2235364
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
RIBW-03 (L2235364-01)	87	71	79	66	75	77	88
MW-08R (L2235364-02)	103	96	90	71	77	85	85
FIELD BLANK (L2235364-03)	100	105	106	97	95	97	102
EQUIPMENT BLANK (L2235364-04)	100	105	101	101	99	94	104
WG1659669-1BLANK	96	105	97	99	97	100	94
WG1659669-2LCS	100	105	101	99	96	102	91
RIBW-01RMS	70	69	70	66	71	77	73
RIBW-01RMSD	90	85	81	77	85	89	90

QC LIMITS

(58-132) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
(62-163) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
(70-131) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
(57-129) S4 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
(60-129) S5 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
(71-134) S6 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)
(71-134) S7 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)

* Values outside of QC limits

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN ST.

Lab Number: L2235364
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
RIBW-03 (L2235364-01)	152*	97	93	76	128	39	57
MW-08R (L2235364-02)	190*	94	95	73	139	39	58
FIELD BLANK (L2235364-03)	106	115	115	108	115	75	91
EQUIPMENT BLANK (L2235364-04)	96	116	112	107	113	60	95
WG1659669-1BLANK	70	96	92	88	67	75	83
WG1659669-2LCS	76	94	94	91	94	74	84
RIBW-01RMS	128	70	78	70	83	43	54*
RIBW-01RMSD	164*	84	78	81	91	53	66

QC LIMITS

(14-147) S8 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
(59-139) S9 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
(69-131) S10 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
(62-124) S11 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
(10-162) S12 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
(24-116) S13 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)
(24-116) S14 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)

* Values outside of QC limits

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 SOUTH GOODMAN ST.

Lab Number: L2235364
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()	TOT OUT
RIBW-03 (L2235364-01)	11	37	48	55	--	--	--	1
MW-08R (L2235364-02)	15	35	47*	45	--	--	--	2
FIELD BLANK (L2235364-03)	51	69	83	70	--	--	--	0
EQUIPMENT BLANK (L2235364-04)	43	56	80	76	--	--	--	0
WG1659669-1BLANK	32	67	78	68	--	--	--	0
WG1659669-2LCS	27	68	79	78	--	--	--	0
RIBW-01RMS	16	46	50	39	--	--	--	1
RIBW-01RMSD	13	48	58	53	--	--	--	1

QC LIMITS

(10-112) S15 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
(27-126) S16 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
(48-131) S17 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
(22-136) S18 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)

* Values outside of QC limits

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	**Project Number**	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1659669-2	**Analysis Date** : 07/13/22 02:02	**File ID** : I23192
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
Perfluorobutanoic Acid (PFBA)	40	40.2	100				-	67-148	30
Perfluoropentanoic Acid (PFPeA)	40	40.1	100				-	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	35.5	35.1	99				-	65-157	30
Perfluorohexanoic Acid (PFHxA)	40	39.7	99				-	69-168	30
Perfluoroheptanoic Acid (PFHpA)	40	39.9	100				-	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	36.6	42.8	117				-	69-177	30
Perfluorooctanoic Acid (PFOA)	40	43.6	109				-	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	38.1	42.9	113				-	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.2	42.3	111				-	61-179	30
Perfluorononanoic Acid (PFNA)	40	39.5	99				-	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	37.1	43.1	116				-	52-151	30
Perfluorodecanoic Acid (PFDA)	40	42.8	107				-	63-171	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	38.4	34.6	90				-	56-173	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	**Project Number**	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1659669-2 **Analysis Date** : 07/13/22 02:02	**File ID**	: I23192
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	40	43.5	109				-	60-166	30
Perfluoroundecanoic Acid (PFUnA)	40	42.4	106				-	60-153	30
Perfluorodecanesulfonic Acid (PFDS)	38.6	36.2	94				-	38-156	30
Perfluorooctanesulfonamide (FOSA)	40	40.7	102				-	46-170	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	40	42.9	107				-	45-170	30
Perfluorododecanoic Acid (PFDoA)	40	42.7	107				-	67-153	30
Perfluorotridecanoic Acid (PFTrDA)	40	45.6	114				-	48-158	30
Perfluorotetradecanoic Acid (PFTA)	40	43.3	108				-	59-182	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Client Sample ID	: NA	Matrix	: WATER
Lab Sample ID	: NA	Analysis Date	: 07/13/22 02:36
Matrix Spike	: WG1659669-3	MS Analysis Date	: 07/13/22 02:52
Matrix Spike Dup	: WG1659669-4	MSD Analysis Date	: 07/13/22 03:09

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ng/l)	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	RPD	Recovery Limits	RPD Limit
Perfluorobutanoic Acid (PFBA)	17.8	38	54.7	97	36.8	54.4	100	1	67-148	30
Perfluoropentanoic Acid (PFPeA)	6.49	38	43.8	98	36.8	41.9	96	4	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	ND	33.7	33.2	98	32.6	32.3	99	3	65-157	30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	35.6	38.0	107	34.5	36.7	106	3	37-219	30
Perfluorohexanoic Acid (PFHxA)	2.31	38	39.0	97	36.8	39.3	101	1	69-168	30
Perfluoropentanesulfonic Acid (PFPeS)	ND	35.8	35.1	98	34.6	34.2	99	3	52-156	30
Perfluoroheptanoic Acid (PFHpA)	0.317J	38	37.2	97	36.8	38.0	102	2	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	ND	34.7	39.2	113	33.6	38.9	116	1	69-177	30
Perfluorooctanoic Acid (PFOA)	ND	38	40.0	105	36.8	38.0	103	5	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	36.1	37.9	105	35	38.5	110	2	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	36.2	34.2	94	35.1	38.9	111	13	61-179	30
Perfluorononanoic Acid (PFNA)	ND	38	39.6	104	36.8	37.3	101	6	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	ND	35.2	35.9	102	34.1	39.0	114	8	52-151	30
Perfluorodecanoic Acid (PFDA)	ND	38	34.7	91	36.8	33.6	91	3	63-171	30
1H,1H,2H,2H-Perfluorodecanesulfon	ND	36.4	37.1	102	35.3	34.2	97	8	56-173	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Client Sample ID	: NA	Matrix	: WATER
Lab Sample ID	: NA	Analysis Date	: 07/13/22 02:36
Matrix Spike	: WG1659669-3	MS Analysis Date	: 07/13/22 02:52
Matrix Spike Dup	: WG1659669-4	MSD Analysis Date	: 07/13/22 03:09

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ng/l)	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	RPD	Recovery Limits	RPD Limit
ic Acid (8:2FTS)										
Perfluorononanesulfonic Acid (PFNS)	ND	36.5	31.9	87	35.4	33.5	95	5	48-150	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	38	42.0	111	36.8	36.3	99	15	60-166	30
Perfluoroundecanoic Acid (PFUnA)	ND	38	40.6	107	36.8	36.6	100	10	60-153	30
Perfluorodecanesulfonic Acid (PFDS)	ND	36.7	29.2	80	35.5	27.5	77	6	38-156	30
Perfluorooctanesulfonamide (FOSA)	ND	38	40.7F	107	36.8	34.2F	93	17	46-170	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	38	38.0	100	36.8	36.9	100	3	45-170	30
Perfluorododecanoic Acid (PFDoA)	ND	38	38.2	101	36.8	34.8	95	9	67-153	30
Perfluorotridecanoic Acid (PFTrDA)	ND	38	39.8	105	36.8	38.6	105	3	48-158	30
Perfluorotetradecanoic Acid (PFTA)	ND	38	42.1	111	36.8	34.7	94	19	59-182	30

Method Blank Summary
Form 4
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab Sample ID	: WG1659669-1	Lab File ID	: I23191
Instrument ID	: LCMS01	Extraction Date	: 07/07/22
Matrix	: WATER	Analysis Date	: 07/13/22 01:46
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1659669-2LCS	WG1659669-2	07/13/22 02:02
RIBW-01RMS	WG1659669-3	07/13/22 02:52
RIBW-01RMSD	WG1659669-4	07/13/22 03:09
RIBW-03	L2235364-01	07/15/22 23:53
MW-08R	L2235364-02	07/16/22 00:09
FIELD BLANK	L2235364-03	07/16/22 00:26
EQUIPMENT BLANK	L2235364-04	07/16/22 00:43

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: WG1659669-1	Date Collected	: NA
Client ID	: WG1659669-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/13/22 01:46
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I23191	Analyst	: RS
Sample Amount	: 250 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	2.00	0.408	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.00	0.396	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.00	0.238	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.00	0.328	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.00	0.225	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.00	0.376	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.00	0.236	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.00	1.33	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.00	0.688	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.00	0.312	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.00	0.504	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.00	0.304	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.00	1.21	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	2.00	0.648	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.00	0.260	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.00	0.980	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.580	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.00	0.804	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2235364
Project Name	: 625 SOUTH GOODMAN ST.	Project Number	: 2172056
Lab ID	: WG1659669-1	Date Collected	: NA
Client ID	: WG1659669-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 07/13/22 01:46
Sample Matrix	: WATER	Date Extracted	: 07/07/22
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I23191	Analyst	: RS
Sample Amount	: 250 g	Instrument ID	: LCMS01
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

		ng/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.00	0.372	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.00	0.327	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.00	0.248	U
NONE	PFOA/PFOS, Total	ND	2.00	0.236	U

DATA USABILITY SUMMARY REPORT

for

LABELLA ASSOCIATES, P.C.

300 State Street

Rochester, NY 14614

SHERWOOD SHOE
Project 2172056
Aqueous Samples
SDG: L2269579
Sampled 12/07/2022 and 12/08/2022

VOLATILE ORGANICS, SEMIVOLATILE ORGANICS,
SEMIVOLATILES-SIM, PFAS,

RIBW-03-1282022	(L2269579-01)	MW-08R-1282022	(L2269579-02)
TRIP BLANK-1272022	(L2269579-03)	EB-01-1272022	(L2269579-04)
EB-02-1282022	(L2269579-05)	MW-06R-1272022	(L2269579-06)
RIBW-01R-1272022	(L2269579-07)	RIBW-02-1272022	(L2269579-08)
DUPLICATE-1272022	(L2269579-09)		

DATA ASSESSMENT

An ASP Category B data package containing analytical results for six program samples, two equipment blanks, and a trip blank was received from Labella Associates, P.C. on 07Jun22. The deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from the Sherwood Shoe site, were identified by Chain of Custody documents and traceable through the work of Alpha Analytical, the laboratory contracted for analysis. Analyses, performed according to SW-846 methods, addressed determinations of volatile organics, semivolatile organics, semivolatiles-SIM and PFAS. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 07/2005. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP NO. HW-33A, Rev. #1, September 2016, Low/Medium Volatile Data Validation; SOP NO. HW-22, Rev.#5, December 2010, Validating Semivolatile Organic Compounds by GC/MS Method 8270D; and the laboratory's modifications to Method 1633, SOP No. 23528, Rev12, 2/22/2019, PFAS by SPE and LC/MS/MS Isotope Dilution) were used as a technical reference.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Results presenting a usable estimation of the conditions at the time of sampling have been flagged "J" or "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed strict QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly. DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature: _____ Date: 27Jun23

James B. Baldwin
DATAVAL Inc.

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the time of sample collection. Samples must remain chilled to 4°C between the time of collection and the time of analysis. Acid preserved VOC samples must be analyzed within 14 days, unpreserved VOC samples within 7 days. The holding time for VOC soils is 14 days. Aqueous semivolatile organics, pesticide and PCB samples must be extracted within seven days of collection. Soils and PFAS samples must be extracted within 14 days. The extracts must then be analyzed within forty days of extraction. The holding times for cyanide and mercury samples are 14 and 28 days, respectively. Metals samples must be analyzed within six months.

This delivery group contained six aqueous samples and two equipment blanks that were collected from the Sherwood Shoe site on 07Dec22 and 08Dec22. The samples were packaged with a trip blank, transferred to a laboratory courier, and delivered to the laboratory on 09Dec22. At the time of laboratory receipt, the sample coolers were found to be intact and properly chilled. Cooler temperatures of 3.0° and 3.2°C were recorded at that time. Although sample preservation was documented in the field custody record, only the pH's of RIBW-02-1272022 and Duplicate-1272022 were recorded at the time of VOC analysis. These samples were held for 8 or 9 days prior to analysis. Because these analyses were not performed within the holing time allowed for unpreserved samples, the VOC results from every sample except RIBW-02-1272022 and Duplicate-1272022 have been qualified as estimations due to this omission.

VOLATILE ORGANICS

Blanks

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks and trip blanks monitor sampling, sample transport, and sample storage activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

Two method blanks and a trip blank were analyzed with this group of samples. Each of these blanks produced acceptable chromatography and was free of targeted analyte contamination.

Although not found in the associated method blank, traces of acetone were detected in MW-08R-1282022. This concentration has been qualified as an estimation because low levels of acetone frequently represent laboratory artifacts. Acetone could not be removed from the sample report because it was not detected in the associated blanks.

MS Tuning
Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of BFB was analyzed prior to each analytical sequence that contained samples from this program. An Instrument Performance Check Form is present for each BFB evaluation. The BFB tunes associated with this delivery group satisfied the program acceptance criteria.

Calibrations
Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibration for VOC was performed on 10Nov22 and 22Nov22. Standards of 0.19, 0.50, 2.0, 10, 30, 80, 120 and 200 µg/l were included. With the exception of trichloroethene, each analyte targeted by this program produced the required levels of instrument response and demonstrated an acceptable degree of linearity during this calibration. Trichloroethene standards, however, failed to produce the required levels of instrument response. The trichloroethene results from this project have been qualified as estimations based on this performance.

Calibration verification standards were analyzed on 15Dec22 and 16Dec22, prior to the 12-hour periods of instrument operation that included samples from this program. When compared to the initial calibrations, unacceptable shifts were observed in the instrument response of bromomethane, chloroethane, 1,1-dichloroethene, trans-1,3-dichloropropene, chlorodibromomethane, bromoform, and trans-1,4-dichloro-2-butene. Based on this performance, the bromomethane, chloroethane, 1,1-dichloroethene, trans-1,3-dichloropropene, chlorodibromomethane, bromoform and trans-1,4-dichloro-2-butene results from every sample except Duplicate-1272022 and RIBW-02-1272022 have been qualified as estimations. The bromomethane results from Duplicate-1272022 and RIBW-02-1272022 have been similarly qualified. It is noted that the response of trichloroethene remained low during these checks.

Surrogates
Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, based on the laboratory's in-house acceptance criteria. When compared to the program requirements, however, low recoveries of 4-bromofluorobenzene and high results for 1,2-dichloroethane-D4 were reported from MW-08R-1282022, Trip Blank-1272022, MW-06R-1272022, and RIBW-01R-1272022. RIBW-03-1282022 also produced a high recovery of 1,2-dichloroethane-D4. Based on this performance, the positive results from RIBW-03-1282022, and all of the results from MW-08R-1282022, Trip Blank-1272022, MW-06R-1272022, and RIBW-01R-1272022 have been qualified as estimations.

Internal Standards

Internal standards are added to each sample, blank and calibration standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of 2. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to this criteria, acceptable performance was demonstrated by the internal standard additions to each program sample.

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of measurement accuracy. A duplicate spiked aliquot provides a measurement of precision.

RIBW-02-1272022 was selected for matrix spiking. The entire list of targeted analytes was added to two aliquots of this sample. The recoveries reported from these spikes included low results for bromomethane (45%,45%). The bromomethane (BRMANE) result from RIBW-02-1272022 has been qualified as an estimation based on these indications of negative bias.

Two pairs of spiked blanks (LCS/LCSD) were also analyzed with this group of samples. These LCS samples produced low recoveries of bromoform (64%,63%), bromomethane (56%,56%,50%,56%) and 1,2-dibromo-3-chloropropane (62%); and high recoveries of Trichlorofluoromethane (140%), Chloroethane (160%,150%), Freon 113 (140%) and acetone (140%). The positive bias indicated by the high recoveries of trichlorofluoromethane, chloroethane, Freon 113 and acetone warrants no concern because these analytes were not detected in the associated samples.

Based on the indications of negative bias, the bromoform, bromomethane and 1,2-dibromo-3-chloropropane results from RIBW-03-128-2022, MW-08R-1282022, Trip Blank, MW-06R-1272022 and RIBW-01R-1272022 have been qualified as estimations. The bromomethane results from RIBW-02-1272022 and Duplicate-1272022 have been

similarly qualified.

Duplicates
Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate sample of RIBW-02-1272022 was included in this delivery group. RIBW-02-1272022 and its duplicate produced results that differed by 8% or less. The program acceptance criteria was satisfied.

Reported Analytes
Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were detected in this group of samples.

It is noted that SVOC target compounds were reported as VOC TIC's in MW-06R-1272022, RIBW-01R-1272022, RIBW-01R-1272022, Duplicate-1272022 and RIBW-02-1272022. These results have been removed from the affected sample reports.

Although numerous TIC's were found in RIBW-01R-1272022, RIBW-02-1272022 and Duplicate-1272022, similar results were not obtained from the associated blanks or the remaining samples. These results remain unqualified.

SEMIVOLATILE ORGANICS

This group of samples was extracted for SVOC analysis on 12Dec12 and the extracts were analyzed on 15Dec22. The program holding time requirements were satisfied.

Blanks
Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

One method blank was analyzed with this group of samples. This blank produced acceptable chromatography and was free of targeted analyte contamination.

MS Tuning
Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accu-

rately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of DFTPP was analyzed prior to each analytical sequence that included samples from this program. An Instrument Performance Check Form is present for each DFTPP evaluation. The DFTPP tunes associated with this group of samples satisfied the program acceptance criteria.

Calibration

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibrations for SVOC were performed on 10Dec22. Concentrations of 0.2, 0.4, 1.0, 2.0, 3.0, 5.0, 10, 15 35 and 50 µg/ml were included. With the exception of 2,6-dinitrotoluene, each targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity. 2,6-Dinitrotoluene standards, however, failed to produce the necessary level of response. The 2,6-dinitrotoluene results from this project have been qualified as estimations based on this performance.

A calibration verification standard was analyzed on 15Dec22. When compared to the initial calibration, an unacceptable shift was observed in the instrument response of 2-Chloronaphthalene also failed to produce the required levels of instrument response. Based on this performance, the 4,6-dinitro-o-cresol and 2-Chloronaphthalene results from this project have been qualified as estimations.

Surrogates

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, based on the laboratory's statistical acceptance criteria. When compared to the project requirements, however, an acceptable recovery was reported for each surrogate addition to this group of samples.

Internal Standards

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more

than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, acceptable performance was indicated for the internal standard additions to each program sample.

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

RIBW-02-1272022 was selected for matrix spiking. The entire list of targeted analytes was added to two aliquots of this sample. The recoveries reported for these spikes included low results for 3,3'-dichlorobenzidine (12%,15%) and 4-nitroaniline (47%) and a high recovery of dibenzofuran (150%). Based on this performance, the 3,3'-dichlorobenzidine, 4-nitroaniline and dibenzofuran results from RIBW-02-1272022 have been qualified as estimations.

A pair of spiked blanks (LCS/LCSD) was also analyzed with this group of samples. The recoveries reported from these LCS samples included low results for 3,3'-dichlorobenzidine (33%,35%), 4-chloroaniline (28%,31%), 2,4-dimethylphenol (12%,17%), phenol (39%) and caprolactam (36%,31%). Based on these indications of negative bias, the 3,3'-dichlorobenzidine, 4-chloroaniline, 2,4-dimethylphenol, phenol and caprolactam results from this project have been qualified as estimations.

Duplicates

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate sample of RIBW-02-1272022 was included in this delivery group. RIBW-02-1272022 and its duplicate produced results that differed by less than 10%. The program requirement was satisfied.

Reported Analytes

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print outs. Mass spectra references were included in the raw data to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were not reported.

SEMIVOLATILE ORGANICS-SIM

This group of samples was extracted for SVOC-SIM analysis on 12Dec22 and the extracts were analyzed on 13Dec22. The program holding time requirements were satisfied.

Blanks
Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

One method blank was analyzed with this group of samples. Although this blank produced acceptable chromatography, it contained traces of nine targeted analytes. The presence of these artifacts, however, warrants no concern. When present in program samples, these analytes exceeded the range requiring data qualifications.

MS Tuning
Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of DFTPP was analyzed prior to each analytical sequence that included samples from this program. An Instrument Performance Check Form is present for each DFTPP evaluation. The DFTPP tunes associated with this program satisfied the program acceptance criteria.

Calibration
Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibration for SVOC-SIM was performed on 09Feb22. Standards of 20, 10, 5.0, 1.0, 0.25, 0.10, 0.05, 0.025 and 0.010 µg/ml were included. The analytes targeted by this program demonstrated an acceptable degree of linearity during this calibration.

A calibration verification standard was analyzed on 13Dec22, prior to the 12-hour period of instrument operation that included samples from this program. When compared to the initial calibration, an unacceptable shift was observed in the response of pentachlorophenol. Based on this performance, the pentachlorophenol results from this delivery group have been qualified as estimations.

Surrogates
Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are

similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, based on the laboratory's statistical acceptance criteria. When compared to the program requirements, however, unacceptably high recoveries were reported for the nitrobenzene addition to RIBW-02-1272022 and the 2,4,6-tribromophenol spike to each program sample. Based on these indications of positive bias, the positive results reported from this group of samples have been qualified as estimations.

Internal Standards

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, acceptable performance was indicated for the internal standard additions to each program sample.

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

RIBW-02-1272022 was selected for matrix spiking. The entire list of targeted analytes was added to two aliquots of this sample. The recoveries reported from these spikes included high results for phenanthrene (190%) and pentachlorophenol (180%). The high result reported for pentachlorophenol warrants no concern because pentachlorophenol was not found in RIBW-02-1272022. The phenanthrene concentration found in RIBW-02-1272022 has been qualified as an estimation.

A pair of spiked blanks (LCS/LCSD) was also analyzed with this group of samples. The results reported from these LCS samples demonstrated acceptable levels of measurement precision and accuracy.

Duplicates

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of

sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate sample of RIBW-02-1272022 was included in this delivery group. RIBW-02-1272022 and its duplicate produced results that differed by 13% or less. The program requirement was satisfied.

Reported Analytes
Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print outs. Mass spectra references were included in the raw data to confirm the identification of each analyte that was detected in this group of samples.

The presence of chrysene in RIBW-01R-1272022 and Duplicate-1272022 and benzo(a)anthracene in this group of samples could not be confirmed based on the mass spectra references found in the raw data. Chrysene and benzo(a)anthracene should be interpreted as undetected in the affected samples.

PFAS ORGANICS

This group of samples was extracted for PFAS analysis on 04Jan23 and the extracts were analyzed on 07Jan23. The program holding time limitations were satisfied.

Blanks
Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

One method blank and two equipment blanks were analyzed with this group of samples. Each of these blanks produced acceptable chromatography and was free of targeted analyte contamination.

Calibrations
Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibration for PFAS was performed on 21Nov22. Standards of 0.5, 2.0, 5.0, 10, 25, 50, 100 and 250 ng/ml were included. Each targeted analyte demonstrated an acceptable degree of linearity during this calibration.

Although three calibration check standards were analyzed, only one was directly associated with samples from this program. When compared to the initial calibration, each targeted analyte demonstrated an acceptable level of instrument stability.

Surrogates (Isotope Dilution Analytes - IDA)
Each sample, blank and standard is spiked with IDA compounds prior to extraction and analysis. Each analyte response is then compared to an isotopically labeled version of the same compound. This technique allows for the correction of bias that might be related to the sample matrix or sample preparation activities. Each IDA must produce a specified level of response.

Surrogate Summary Sheets were properly prepared, based on the laboratory's statistical acceptance criteria. When compared to the method requirements, however, low recoveries were reported for the M4PFHpA addition to RIBW-03-1282022; the M2-6:2FTS addition to RIBW-03-1282022, MW-06R-1272022, RIBW-01R-1272022, RIBW-02-1272022 and DUPLICATE-1272022; the M2-8:2FTS addition to RIBW-03-1282022, RIBW-01R-1272022 and DUPLICATE-1272022; the D3NMeFOSAA addition to RIBW-03-1282022, MW-08R-1282022 and MW-06R-1272022; the M8FOSA addition to each program sample; the D5-NeTFOSAA addition to RIBW-03-1282022, MW-08R-1282022 and MW-06R-1272022; the MPFDOA addition to RIBW-03-1282022; and the M2PFTeDA additions to RIBW-03-1282022 and MW-08R-1282022. Data that has been qualified as an estimation based on this performance is tabulated below.

SAMPLE	AFFECTED ANALYTES
RIBW-03-1282022	PFHpA 6:2FTS 8:2FTS NMeFOSAA FOSA NEtFOSAA PFDoA PFTrDA
MW-08R-1282022	NMeFOSAA FOSA NEtFOSAA PFTrDA
EB-01-1272022	FOSA
EB-02-1282022	FOSA
MW-06R-1272022	6:2FTS NMeFOSAA FOSA NEtFOSAA
RIBW-01R-1272022	6:2FTS 8:2FTS FOSA
RIBW-02-1272022	6:2FTS FOSA
DUPLICATE-1272022	6:2FTS 8:2FTS FOSA

Matrix Spikes
Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

RIBW-02-1272022 was selected for matrix spiking. The entire list of targeted analytes was added to two portions of this sample. The recoveries reported for these spikes demonstrated acceptable levels of measurement precision and accuracy.

A spiked blank (LCS) was also extracted and analyzed with this group of samples. The recoveries reported for this LCS sample demonstrated acceptable levels of measurement accuracy.

Duplicates
Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results

produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate sample of RIBW-02-1272022 was included in this delivery group. When RIBW-02-1272022 and its duplicate produced results above the laboratory's reporting limit, the results differed by 18% or less. The program requirement was satisfied.

SUMMARY OF QUALIFIED DATA

SHERWOOD SHOE

SAMPLED: 06/28/22

		CALIBRATE TCE	CALIBRATE BRMANE	CALIBRATE CAL1*	PRESERVE VOC	BLANK ACETONE	SURROGATE VOC	SPIKES BRMANE
RIBW-03-1282022	(L2269579-01)	0.50UJ		ALL UJ	ALL J/UJ		ALL POS J	
MW-08R-1282022	(L2269579-02)	2.1J		ALL UJ	ALL J/UJ	2.8J	ALL J/UJ	
TRIP BLANK-1272022	(L2269579-03)	0.50UJ		ALL UJ	ALL UJ		ALL UJ	
EB-01-1272022	(L2269579-04)							
EB-02-1282022	(L2269579-05)							
MW-06R-1272022	(L2269579-06)	0.50UJ		ALL UJ	ALL J/UJ		ALL J/UJ	
RIBW-01R-1272022	(L2269579-07)	0.40J		ALL UJ	ALL J/UJ		ALL J/UJ	
RIBW-02-1272022	(L2269579-08)	0.50UJ	10UJ					10UJ
DUPLICATE-1272022	(L2269579-09)	0.79J	10UJ					

CAL1* = bromomethane, chloroethane, 1,1-dichloroethene, trans-1,3-dichloropropene, chlorodibromomethane, bromoform, trans-1,4-dichloro-2-butene

SUMMARY OF QUALIFIED DATA

SHERWOOD SHOE

SAMPLED: 06/28/22

		SPIKES MS1*	SPIKES BRMANE	VOC TIC SVOC	CALIBRATE CAL2*	SPIKES MS2*	SPIKES MS3*	CALIBRATE CL5PHENOL
RIBW-03-1282022	(L2269579-01)	ALL UJ						
MW-08R-1282022	(L2269579-02)	ALL UJ						
TRIP BLANK-1272022	(L2269579-03)	ALL UJ						
EB-01-1272022	(L2269579-04)							
EB-02-1282022	(L2269579-05)							
MW-06R-1272022	(L2269579-06)	ALL UJ		REMOVE				
RIBW-01R-1272022	(L2269579-07)	ALL UJ		REMOVE	ALL UJ		ALL J/UJ	0.80UJ
RIBW-02-1272022	(L2269579-08)		10UJ	REMOVE	ALL UJ	ALL J/UJ	ALL UJ	0.80UJ
DUPLICATE-1272022	(L2269579-09)		10UJ	REMOVE	ALL UJ		ALL UJ	0.80UJ

MS1* = bromoform, bromomethane, 1,2-dibromo-3-chloropropane
CAL2* = 4,6-dinitro-o-cresol, 2,6-dinitrotoluene
MS2* = 3,3'-dichlorobenzidine, 4-nitroaniline, dibenzofuran
MS3* = 3,3'-dichlorobenzidine, 4-nitroaniline, 2,4-dimethylphenol, caprolactam

SUMMARY OF QUALIFIED DATA

SHERWOOD SHOE

SAMPLED: 06/28/22

		SURROGATES GCMS-SIM	SPIKES PHENANTH	SPECTRA ID CHRYSENE	SPECTRA ID BENZO(A)	SURROGATES PFAS
RIBW-03-1282022	(L2269579-01)					TABLE*
MW-08R-1282022	(L2269579-02)					
TRIP BLANK-1272022	(L2269579-03)					
EB-01-1272022	(L2269579-04)					
EB-02-1282022	(L2269579-05)					
MW-06R-1272022	(L2269579-06)					
RIBW-01R-1272022	(L2269579-07)	ALL POS J		0.10U	0.24U	
RIBW-02-1272022	(L2269579-08)	ALL POS J	56J		0.25U	
DUPLICATE-1272022	(L2269579-09)	ALL POS J		0.15U	0.40U	

TABLE* = dataqualified due to surrogate performance is tabulated on Page 12

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-01	Date Collected	: 12/08/22 13:20
Client ID	: RIBW-03-1282022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 01:47
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N19	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	1.2	1.0	0.07	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-01	Date Collected	: 12/08/22 13:20
Client ID	: RIBW-03-1282022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 01:47
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N19	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND UJ	2.5	0.70	U
79-01-6	Trichloroethene	ND UJ	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND UJ	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	1.2 J	2.5	0.70	J
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND UJ	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND UJ	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND UJ	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-01	Date Collected	: 12/08/22 13:20
Client ID	: RIBW-03-1282022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 01:47
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N19	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-01	Date Collected	: 12/08/22 13:20
Client ID	: RIBW-03-1282022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 01:47
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N19	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-02	Date Collected	: 12/08/22 14:00
Client ID	: MW-08R-1282022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 02:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N20	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-02	Date Collected	: 12/08/22 14:00
Client ID	: MW-08R-1282022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 02:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N20	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND UJ	2.5	0.70	U
79-01-6	Trichloroethene	2.1 J	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND UJ	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	2.8 J	5.0	1.5	J
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND UJ	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND UJ	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND UJ	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-02	Date Collected	: 12/08/22 14:00
Client ID	: MW-08R-1282022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 02:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N20	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-02	Date Collected	: 12/08/22 14:00
Client ID	: MW-08R-1282022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 02:08
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N20	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-03	Date Collected	: 12/07/22 00:00
Client ID	: TRIP BLANK-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 02:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N21	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-03	Date Collected	: 12/07/22 00:00
Client ID	: TRIP BLANK-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 02:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N21	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND U	2.5	0.70	U
79-01-6	Trichloroethene	ND U	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND U	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND U	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND U	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-03	Date Collected	: 12/07/22 00:00
Client ID	: TRIP BLANK-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 02:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N21	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-03	Date Collected	: 12/07/22 00:00
Client ID	: TRIP BLANK-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 02:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N21	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 2

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
007446-09-5	Sulfur dioxide	0.94	1.05	NJ
	Total TIC Compounds		1.05J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-06	Date Collected	: 12/07/22 14:50
Client ID	: MW-06R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 02:49
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N22	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	1.6	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-06	Date Collected	: 12/07/22 14:50
Client ID	: MW-06R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 02:49
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N22	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND UJ	2.5	0.70	U
79-01-6	Trichloroethene	ND UJ	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND UJ	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND UJ	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND UJ	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-06	Date Collected	: 12/07/22 14:50
Client ID	: MW-06R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 02:49
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N22	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-06	Date Collected	: 12/07/22 14:50
Client ID	: MW-06R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 02:49
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N22	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 2

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000083-32-9	Acenaphthene	12.59	2.93	NJ
	Total TIC Compounds		2.93J	J

R

185

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-07	Date Collected	: 12/07/22 16:25
Client ID	: RIBW-01R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 03:10
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N23	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	9.6	0.50	0.16	J
108-88-3	Toluene	5.5	2.5	0.70	J
100-41-4	Ethylbenzene	28	2.5	0.70	J
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	1.6	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-07	Date Collected	: 12/07/22 16:25
Client ID	: RIBW-01R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 03:10
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N23	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	17 J	2.5	0.70	
79-01-6	Trichloroethene	0.40 J	0.50	0.18	J
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	14 J	2.5	0.70	
95-47-6	o-Xylene	18 J	2.5	0.70	
156-59-2	cis-1,2-Dichloroethene	6.2 J	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	4.5 J	2.5	0.70	
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	18 J	2.5	0.70	
103-65-1	n-Propylbenzene	1.6 J	2.5	0.70	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-07	Date Collected	: 12/07/22 16:25
Client ID	: RIBW-01R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 03:10
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N23	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND U J	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	1.6 J	2.5	0.70	J
95-63-6	1,2,4-Trimethylbenzene	9.7 J	2.5	0.70	
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND U J	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-07	Date Collected	: 12/07/22 16:25
Client ID	: RIBW-01R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 03:10
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: VE221215N23	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 11

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Aromatic	10.07	44.6	J
	Unknown Aromatic	10.21	8.24	J
	Unknown	10.50	33	J
	Unknown	10.52	12.8	J
	Unknown	11.10	16.8	J
	Unknown	11.71	66.7	J
	Unknown Naphthalene	12.21	16.4	J
000083-32-9	Acenaphthene	12.59	30.8	NJ R
000132-64-9	Dibenzofuran	12.84	12.8	NJ R
000086-73-7	Fluorene	13.27	8.69	NJ R
	Total TIC Compounds		251J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.
Project Name	: 625 GOODMAN SOUTH
Lab ID	: L2269579-08D
Client ID	: RIBW-02-1272022
Sample Location	: ROCHESTER, NY
Sample Matrix	: WATER
Analytical Method	: 1,8260D
Lab File ID	: V08221216N15
Sample Amount	: 2.5 ml
Level	: LOW
Extract Volume (MeOH)	: N/A

Lab Number	: L2269579
Project Number	: 2172056
Date Collected	: 12/07/22 10:45
Date Received	: 12/09/22
Date Analyzed	: 12/16/22 21:38
Dilution Factor	: 4
Analyst	: MJV
Instrument ID	: VOA108
GC Column	: RTX-502.2
%Solids	: N/A
Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	10	2.8	U
75-34-3	1,1-Dichloroethane	ND	10	2.8	U
67-66-3	Chloroform	ND	10	2.8	U
56-23-5	Carbon tetrachloride	ND	2.0	0.54	U
78-87-5	1,2-Dichloropropane	ND	4.0	0.55	U
124-48-1	Dibromochloromethane	ND	2.0	0.60	U
79-00-5	1,1,2-Trichloroethane	ND	6.0	2.0	U
127-18-4	Tetrachloroethene	ND	2.0	0.72	U
108-90-7	Chlorobenzene	ND	10	2.8	U
75-69-4	Trichlorofluoromethane	ND	10	2.8	U
107-06-2	1,2-Dichloroethane	ND	2.0	0.53	U
71-55-6	1,1,1-Trichloroethane	ND	10	2.8	U
75-27-4	Bromodichloromethane	ND	2.0	0.77	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.66	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.58	U
75-25-2	Bromoform	ND	8.0	2.6	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.67	U
71-43-2	Benzene	6.3	2.0	0.64	
108-88-3	Toluene	9.6	10	2.8	J
100-41-4	Ethylbenzene	33	10	2.8	
74-87-3	Chloromethane	ND	10	2.8	U
74-83-9	Bromomethane	ND	10	2.8	U
75-01-4	Vinyl chloride	ND	4.0	0.28	U
75-00-3	Chloroethane	ND	10	2.8	U
75-35-4	1,1-Dichloroethene	ND	2.0	0.68	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-08D	Date Collected	: 12/07/22 10:45
Client ID	: RIBW-02-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 21:38
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V08221216N15	Instrument ID	: VOA108
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	10	2.8	U
79-01-6	Trichloroethene	ND U	2.0	0.70	U
95-50-1	1,2-Dichlorobenzene	ND	10	2.8	U
541-73-1	1,3-Dichlorobenzene	ND	10	2.8	U
106-46-7	1,4-Dichlorobenzene	ND	10	2.8	U
1634-04-4	Methyl tert butyl ether	ND	10	2.8	U
179601-23-1	p/m-Xylene	38	10	2.8	
95-47-6	o-Xylene	33	10	2.8	
156-59-2	cis-1,2-Dichloroethene	ND	10	2.8	U
100-42-5	Styrene	ND	10	2.8	U
75-71-8	Dichlorodifluoromethane	ND	20	4.0	U
67-64-1	Acetone	ND	20	5.8	U
75-15-0	Carbon disulfide	ND	20	4.0	U
78-93-3	2-Butanone	ND	20	7.8	U
108-10-1	4-Methyl-2-pentanone	ND	20	4.0	U
591-78-6	2-Hexanone	ND	20	4.0	U
106-93-4	1,2-Dibromoethane	ND	8.0	2.6	U
104-51-8	n-Butylbenzene	ND	10	2.8	U
135-98-8	sec-Butylbenzene	ND	10	2.8	U
98-06-6	tert-Butylbenzene	ND	10	2.8	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	2.8	U
98-82-8	Isopropylbenzene	13	10	2.8	
99-87-6	p-Isopropyltoluene	ND	10	2.8	U
91-20-3	Naphthalene	400	10	2.8	
103-65-1	n-Propylbenzene	4.0	10	2.8	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-08D	Date Collected	: 12/07/22 10:45
Client ID	: RIBW-02-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 21:38
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V08221216N15	Instrument ID	: VOA108
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	10	2.8	U
108-67-8	1,3,5-Trimethylbenzene	8.2	10	2.8	J
95-63-6	1,2,4-Trimethylbenzene	48	10	2.8	
79-20-9	Methyl Acetate	ND	8.0	0.94	U
110-82-7	Cyclohexane	ND	40	1.1	U
76-13-1	Freon-113	ND	10	2.8	U
108-87-2	Methyl cyclohexane	ND	40	1.6	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-08D	Date Collected	: 12/07/22 10:45
Client ID	: RIBW-02-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 21:38
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V08221216N15	Instrument ID	: VOA108
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 11

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Aromatic	10.33	96.8	J
	Unknown	10.76	133	J
	Unknown Aromatic	10.79	64.4	J
	Unknown Aromatic	10.88	51.8	J
	Unknown	11.36	75.6	J
	Unknown Aromatic	11.98	390	J
	Unknown Aromatic	12.22	68.7	J
	Unknown Naphthalene	12.44	59.5	J
	Unknown Naphthalene	12.51	91.2	J
000083-32-9	Acenaphthene	12.93	131	NJ R
	Total TIC Compounds		1160J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.
Project Name	: 625 GOODMAN SOUTH
Lab ID	: L2269579-09D
Client ID	: DUPLICATE-1272022
Sample Location	: ROCHESTER, NY
Sample Matrix	: WATER
Analytical Method	: 1,8260D
Lab File ID	: V08221216N14
Sample Amount	: 2.5 ml
Level	: LOW
Extract Volume (MeOH)	: N/A

Lab Number	: L2269579
Project Number	: 2172056
Date Collected	: 12/07/22 10:50
Date Received	: 12/09/22
Date Analyzed	: 12/16/22 21:17
Dilution Factor	: 4
Analyst	: MJV
Instrument ID	: VOA108
GC Column	: RTX-502.2
%Solids	: N/A
Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	10	2.8	U
75-34-3	1,1-Dichloroethane	ND	10	2.8	U
67-66-3	Chloroform	ND	10	2.8	U
56-23-5	Carbon tetrachloride	ND	2.0	0.54	U
78-87-5	1,2-Dichloropropane	ND	4.0	0.55	U
124-48-1	Dibromochloromethane	ND	2.0	0.60	U
79-00-5	1,1,2-Trichloroethane	ND	6.0	2.0	U
127-18-4	Tetrachloroethene	ND	2.0	0.72	U
108-90-7	Chlorobenzene	ND	10	2.8	U
75-69-4	Trichlorofluoromethane	ND	10	2.8	U
107-06-2	1,2-Dichloroethane	ND	2.0	0.53	U
71-55-6	1,1,1-Trichloroethane	ND	10	2.8	U
75-27-4	Bromodichloromethane	ND	2.0	0.77	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.66	U
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.58	U
75-25-2	Bromoform	ND	8.0	2.6	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.67	U
71-43-2	Benzene	6.3	2.0	0.64	
108-88-3	Toluene	9.9	10	2.8	J
100-41-4	Ethylbenzene	33	10	2.8	
74-87-3	Chloromethane	ND	10	2.8	U
74-83-9	Bromomethane	ND UJ	10	2.8	U
75-01-4	Vinyl chloride	ND	4.0	0.28	U
75-00-3	Chloroethane	ND	10	2.8	U
75-35-4	1,1-Dichloroethene	ND	2.0	0.68	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.
Project Name	: 625 GOODMAN SOUTH
Lab ID	: L2269579-09D
Client ID	: DUPLICATE-1272022
Sample Location	: ROCHESTER, NY
Sample Matrix	: WATER
Analytical Method	: 1,8260D
Lab File ID	: V08221216N14
Sample Amount	: 2.5 ml
Level	: LOW
Extract Volume (MeOH)	: N/A

Lab Number	: L2269579
Project Number	: 2172056
Date Collected	: 12/07/22 10:50
Date Received	: 12/09/22
Date Analyzed	: 12/16/22 21:17
Dilution Factor	: 4
Analyst	: MJV
Instrument ID	: VOA108
GC Column	: RTX-502.2
%Solids	: N/A
Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	10	2.8	U
79-01-6	Trichloroethene	0.79 J	2.0	0.70	J
95-50-1	1,2-Dichlorobenzene	ND	10	2.8	U
541-73-1	1,3-Dichlorobenzene	ND	10	2.8	U
106-46-7	1,4-Dichlorobenzene	ND	10	2.8	U
1634-04-4	Methyl tert butyl ether	ND	10	2.8	U
179601-23-1	p/m-Xylene	39	10	2.8	
95-47-6	o-Xylene	34	10	2.8	
156-59-2	cis-1,2-Dichloroethene	ND	10	2.8	U
100-42-5	Styrene	ND	10	2.8	U
75-71-8	Dichlorodifluoromethane	ND	20	4.0	U
67-64-1	Acetone	ND	20	5.8	U
75-15-0	Carbon disulfide	ND	20	4.0	U
78-93-3	2-Butanone	ND	20	7.8	U
108-10-1	4-Methyl-2-pentanone	ND	20	4.0	U
591-78-6	2-Hexanone	ND	20	4.0	U
106-93-4	1,2-Dibromoethane	ND	8.0	2.6	U
104-51-8	n-Butylbenzene	ND	10	2.8	U
135-98-8	sec-Butylbenzene	ND	10	2.8	U
98-06-6	tert-Butylbenzene	ND	10	2.8	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	2.8	U
98-82-8	Isopropylbenzene	12	10	2.8	
99-87-6	p-Isopropyltoluene	ND	10	2.8	U
91-20-3	Naphthalene	410	10	2.8	
103-65-1	n-Propylbenzene	3.8	10	2.8	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-09D	Date Collected	: 12/07/22 10:50
Client ID	: DUPLICATE-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 21:17
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V08221216N14	Instrument ID	: VOA108
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	10	2.8	U
108-67-8	1,3,5-Trimethylbenzene	7.9	10	2.8	J
95-63-6	1,2,4-Trimethylbenzene	48	10	2.8	
79-20-9	Methyl Acetate	ND	8.0	0.94	U
110-82-7	Cyclohexane	ND	40	1.1	U
76-13-1	Freon-113	ND	10	2.8	U
108-87-2	Methyl cyclohexane	ND	40	1.6	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-09D	Date Collected	: 12/07/22 10:50
Client ID	: DUPLICATE-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/16/22 21:17
Sample Matrix	: WATER	Dilution Factor	: 4
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V08221216N14	Instrument ID	: VOA108
Sample Amount	: 2.5 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 11

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000496-11-7	Indane	10.15	211	NJ
	Unknown Aromatic	10.33	98.3	J
	Unknown	10.76	134	J
	Unknown Aromatic	10.78	65	J
	Unknown	11.36	77	J
	Unknown Aromatic	11.98	388	J
	Unknown Aromatic	12.22	66	J
	Unknown Naphthalene	12.44	54.7	J
	Unknown Naphthalene	12.51	85.1	J
000083-32-9	Acenaphthene	12.93	123	NJ R
	Total TIC Compounds		1300J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-07	Date Collected	: 12/07/22 16:25
Client ID	: RIBW-01R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/15/22 07:28
Sample Matrix	: WATER	Date Extracted	: 12/12/22
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 69579-07	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND UJ	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND UJ	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	8.0	2.0	0.46	
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-07	Date Collected	: 12/07/22 16:25
Client ID	: RIBW-01R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/15/22 07:28
Sample Matrix	: WATER	Date Extracted	: 12/12/22
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 69579-07	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	~~ND~~ UJ	5.0	0.80	U
132-64-9	Dibenzofuran	53.	2.0	0.50	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	3.2 J	5.0	1.8	J
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	~~ND~~ UJ	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	0.70	5.0	0.49	J
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	16.	2.0	0.49	
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	~~ND~~ UJ	10	3.3	U

7/15

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-07	Date Collected	: 12/07/22 16:25
Client ID	: RIBW-01R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/15/22 07:28
Sample Matrix	: WATER	Date Extracted	: 12/12/22
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 69579-07	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.
Project Name	: 625 GOODMAN SOUTH
Lab ID	: L2269579-08
Client ID	: RIBW-02-1272022
Sample Location	: ROCHESTER, NY
Sample Matrix	: WATER
Analytical Method	: 1,8270E
Lab File ID	: 69579-08
Sample Amount	: 275 ml
Extraction Method	: EPA 3510C
Extract Volume	: 1000 uL
GPC Cleanup	: N

Lab Number	: L2269579
Project Number	: 2172056
Date Collected	: 12/07/22 10:45
Date Received	: 12/09/22
Date Analyzed	: 12/15/22 09:21
Date Extracted	: 12/12/22
Dilution Factor	: 1
Analyst	: JG
Instrument ID	: DAKOTA
GC Column	: RTX5-MS
%Solids	: N/A
Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND UJ	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND UJ	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	50.	2.0	0.46	
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-08	Date Collected	: 12/07/22 10:45
Client ID	: RIBW-02-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/15/22 09:21
Sample Matrix	: WATER	Date Extracted	: 12/12/22
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 69579-08	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	~~ND~~ UJ	5.0	0.80	U
132-64-9	Dibenzofuran	92. J	2.0	0.50	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	~~ND~~ UJ	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	~~ND~~ UJ	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	0.59	5.0	0.49	J
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	43.	2.0	0.49	
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	~~ND~~ UJ	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-08	Date Collected	: 12/07/22 10:45
Client ID	: RIBW-02-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/15/22 09:21
Sample Matrix	: WATER	Date Extracted	: 12/12/22
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 69579-08	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.
Project Name	: 625 GOODMAN SOUTH
Lab ID	: L2269579-09
Client ID	: DUPLICATE-1272022
Sample Location	: ROCHESTER, NY
Sample Matrix	: WATER
Analytical Method	: 1,8270E
Lab File ID	: 69579-09
Sample Amount	: 275 ml
Extraction Method	: EPA 3510C
Extract Volume	: 1000 uL
GPC Cleanup	: N

Lab Number	: L2269579
Project Number	: 2172056
Date Collected	: 12/07/22 10:50
Date Received	: 12/09/22
Date Analyzed	: 12/15/22 10:29
Date Extracted	: 12/12/22
Dilution Factor	: 1
Analyst	: JG
Instrument ID	: DAKOTA
GC Column	: RTX5-MS
%Solids	: N/A
Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND UJ	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND UJ	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	56.	2.0	0.46	
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.
Project Name	: 625 GOODMAN SOUTH
Lab ID	: L2269579-09
Client ID	: DUPLICATE-1272022
Sample Location	: ROCHESTER, NY
Sample Matrix	: WATER
Analytical Method	: 1,8270E
Lab File ID	: 69579-09
Sample Amount	: 275 ml
Extraction Method	: EPA 3510C
Extract Volume	: 1000 uL
GPC Cleanup	: N

Lab Number	: L2269579
Project Number	: 2172056
Date Collected	: 12/07/22 10:50
Date Received	: 12/09/22
Date Analyzed	: 12/15/22 10:29
Date Extracted	: 12/12/22
Dilution Factor	: 1
Analyst	: JG
Instrument ID	: DAKOTA
GC Column	: RTX5-MS
%Solids	: N/A
Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	~~ND~~ UJ	5.0	0.80	U
132-64-9	Dibenzofuran	99.	2.0	0.50	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	1.5	5.0	0.53	J
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	~~ND~~ UJ	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	~~ND~~ UJ	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	0.65	5.0	0.49	J
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	47.	2.0	0.49	
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	~~ND~~ UJ	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-09	Date Collected	: 12/07/22 10:50
Client ID	: DUPLICATE-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/15/22 10:29
Sample Matrix	: WATER	Date Extracted	: 12/12/22
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 69579-09	Analyst	: JG
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

7/89

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-07	Date Collected	: 12/07/22 16:25
Client ID	: RIBW-01R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/13/22 17:20
Sample Matrix	: WATER	Date Extracted	: 12/12/22
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 69579-07	Analyst	: ALS
Sample Amount	: 275 ml	Instrument ID	: SV128
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	71 J	0.10	0.01	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	5.0 J	0.10	0.02	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	6.7 J	0.10	0.05	
56-55-3	Benzo(a)anthracene	0.24 U	0.10	0.02	
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	0.10 U ~~0.07~~	0.10	0.01	J
208-96-8	Acenaphthylene	8.3 J	0.10	0.01	
120-12-7	Anthracene	4.0 J	0.10	0.01	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	60 J	0.10	0.01	
85-01-8	Phenanthrene	34 J	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	3.0 J	0.10	0.02	
91-57-6	2-Methylnaphthalene	0.07 J	0.10	0.02	J
87-86-5	Pentachlorophenol	~~ND~~ UJ	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-08	Date Collected	: 12/07/22 10:45
Client ID	: RIBW-02-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/13/22 17:37
Sample Matrix	: WATER	Date Extracted	: 12/12/22
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 69579-08	Analyst	: ALS
Sample Amount	: 275 ml	Instrument ID	: SV128
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilMS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	250 ~~160~~ DJ	0.10	0.01	~~E~~
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	4.2 J	0.10	0.02	
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	260 ~~180~~ DJ	0.10	0.05	E
56-55-3	Benzo(a)anthracene	0.25 U	0.10	0.02	
50-32-8	Benzo(a)pyrene	0.07 J	0.10	0.02	J
205-99-2	Benzo(b)fluoranthene	0.08 J	0.10	0.01	J
207-08-9	Benzo(k)fluoranthene	0.04 J	0.10	0.01	J
218-01-9	Chrysene	0.15 J	0.10	0.01	
208-96-8	Acenaphthylene	10 J	0.10	0.01	
120-12-7	Anthracene	3.1 J	0.10	0.01	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	140 ~~97~~ D	0.10	0.01	E
85-01-8	Phenanthrene	58 J	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	2.5 J	0.10	0.02	
91-57-6	2-Methylnaphthalene	5.8 J	0.10	0.02	
87-86-5	Pentachlorophenol	~~ND~~ UJ	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

JMR

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-08D	Date Collected	: 12/07/22 10:45
Client ID	: RIBW-02-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/23/22 12:17
Sample Matrix	: WATER	Date Extracted	: 12/12/22
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 10
Lab File ID	: 579-08D1	Analyst	: WR
Sample Amount	: 275 ml	Instrument ID	: SV128
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilMS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	250	1.0	0.14	
91-20-3	Naphthalene	260	1.0	0.49	
86-73-7	Fluorene	140	1.0	0.14	

scc initial analysis

7/85

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-09	Date Collected	: 12/07/22 10:50
Client ID	: DUPLICATE-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/13/22 18:25
Sample Matrix	: WATER	Date Extracted	: 12/12/22
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 69579-09	Analyst	: ALS
Sample Amount	: 275 ml	Instrument ID	: SV128
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilMS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter		ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	240	170 DJ	0.10	0.01	E
91-58-7	2-Chloronaphthalene		ND	0.20	0.02	U
206-44-0	Fluoranthene		4.7 J	0.10	0.02	
87-68-3	Hexachlorobutadiene		ND	0.50	0.05	U
91-20-3	Naphthalene	240	180 DJ	0.10	0.05	E
56-55-3	Benzo(a)anthracene		0.40 U	0.10	0.02	
50-32-8	Benzo(a)pyrene		0.08 J	0.10	0.02	J
205-99-2	Benzo(b)fluoranthene		0.09 J	0.10	0.01	J
207-08-9	Benzo(k)fluoranthene		0.03 J	0.10	0.01	J
218-01-9	Chrysene		0.15 U	0.10	0.01	
208-96-8	Acenaphthylene		11 J	0.10	0.01	
120-12-7	Anthracene		3.4 J	0.10	0.01	
191-24-2	Benzo(ghi)perylene		ND	0.10	0.01	U
86-73-7	Fluorene	140	100 DJ	0.10	0.01	E
85-01-8	Phenanthrene		65 J	0.10	0.02	
53-70-3	Dibenzo(a,h)anthracene		ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene		ND	0.10	0.01	U
129-00-0	Pyrene		2.8 J	0.10	0.02	
91-57-6	2-Methylnaphthalene		6.1 J	0.10	0.02	
87-86-5	Pentachlorophenol		ND UJ	0.80	0.01	U
118-74-1	Hexachlorobenzene		ND	0.80	0.01	U
67-72-1	Hexachloroethane		ND	0.80	0.06	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-09D	Date Collected	: 12/07/22 10:50
Client ID	: DUPLICATE-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 12/23/22 12:33
Sample Matrix	: WATER	Date Extracted	: 12/12/22
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 10
Lab File ID	: 579-09D1	Analyst	: WR
Sample Amount	: 275 ml	Instrument ID	: SV128
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilMS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	240	1.0	0.14	
91-20-3	Naphthalene	240	1.0	0.49	
86-73-7	Fluorene	140	1.0	0.14	

SCC initial analysis

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-01	Date Collected	: 12/08/22 13:20
Client ID	: RIBW-03-1282022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 01/07/23 11:42
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75892	Analyst	: SG
Sample Amount	: 268.38 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	260	1.86	0.380	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	606	1.86	0.369	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.898	1.86	0.222	JF
307-24-4	Perfluorohexanoic Acid (PFHxA)	202	1.86	0.306	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	67.8 J	1.86	0.210	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.86	0.350	U
335-67-1	Perfluorooctanoic Acid (PFOA)	5.86	1.86	0.220	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	~~ND~~ UJ	1.86	1.24	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.86	0.641	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.86	0.291	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.842	1.86	0.469	JF
335-76-2	Perfluorodecanoic Acid (PFDA)	0.596	1.86	0.283	J
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	~~ND~~ UJ	1.86	1.13	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	~~ND~~ UJ	1.86	0.604	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.86	0.242	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.86	0.913	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	~~ND~~ UJ	1.86	0.540	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~~ND~~ UJ	1.86	0.749	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-01	Date Collected	: 12/08/22 13:20
Client ID	: RIBW-03-1282022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 01/07/23 11:42
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75892	Analyst	: SG
Sample Amount	: 268.38 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	~~ND~~ UJ	1.86	0.346	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	~~ND~~ UJ	1.86	0.305	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.86	0.231	U
NONE	PFOA/PFOS, Total	6.70	1.86	0.220	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-02	Date Collected	: 12/08/22 14:00
Client ID	: MW-08R-1282022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 01/07/23 11:58
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75893	Analyst	: SG
Sample Amount	: 119.22 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	41.8	4.19	0.856	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	66.2	4.19	0.830	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.17	4.19	0.499	JF
307-24-4	Perfluorohexanoic Acid (PFHxA)	22.7	4.19	0.688	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	2.74	4.19	0.472	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	4.19	0.788	U
335-67-1	Perfluorooctanoic Acid (PFOA)	2.03	4.19	0.495	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	4.19	2.79	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	4.19	1.44	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.704	4.19	0.654	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.90	4.19	1.06	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	4.19	0.637	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	4.19	2.54	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	~~ND~~ UJ	4.19	1.36	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	4.19	0.545	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	4.19	2.06	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	~~ND~~ UJ	4.19	1.22	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~~ND~~ UJ	4.19	1.68	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-02	Date Collected	: 12/08/22 14:00
Client ID	: MW-08R-1282022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 01/07/23 11:58
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75893	Analyst	: SG
Sample Amount	: 119.22 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	4.19	0.780	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	~~ND~~ UJ	4.19	0.686	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	4.19	0.520	U
NONE	PFOA/PFOS, Total	3.93	4.19	0.495	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-04	Date Collected	: 12/07/22 08:05
Client ID	: EB-01-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 01/07/23 12:15
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75894	Analyst	: SG
Sample Amount	: 266.79 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.87	0.382	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.87	0.371	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.87	0.223	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.87	0.307	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.87	0.211	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.87	0.352	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.87	0.221	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.87	1.25	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.87	0.645	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.87	0.292	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.87	0.472	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.87	0.285	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.87	1.14	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.87	0.607	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.87	0.244	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.87	0.918	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	~~ND~~ UJ	1.87	0.543	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.87	0.753	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-04	Date Collected	: 12/07/22 08:05
Client ID	: EB-01-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 01/07/23 12:15
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75894	Analyst	: SG
Sample Amount	: 266.79 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.87	0.348	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.87	0.307	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.87	0.232	U
NONE	PFOA/PFOS, Total	ND	1.87	0.221	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-05	Date Collected	: 12/08/22 09:00
Client ID	: EB-02-1282022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 01/07/23 12:31
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75895	Analyst	: SG
Sample Amount	: 275.82 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.81	0.370	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.81	0.359	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.81	0.216	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.81	0.297	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.81	0.204	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.81	0.341	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.81	0.214	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.81	1.21	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.81	0.624	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.81	0.283	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.81	0.457	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.81	0.276	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.81	1.10	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.81	0.587	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.81	0.236	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.81	0.888	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	~~ND~~ UJ	1.81	0.526	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.81	0.729	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.
Project Name	: 625 GOODMAN SOUTH
Lab ID	: L2269579-05
Client ID	: EB-02-1282022
Sample Location	: ROCHESTER, NY
Sample Matrix	: WATER
Analytical Method	: 134,LCMSMS-ID
Lab File ID	: I75895
Sample Amount	: 275.82 g
Extraction Method	: ALPHA 23528
Extract Volume	: 1000 uL
GPC Cleanup	: N

Lab Number	: L2269579
Project Number	: 2172056
Date Collected	: 12/08/22 09:00
Date Received	: 12/09/22
Date Analyzed	: 01/07/23 12:31
Date Extracted	: 01/04/23
Dilution Factor	: 1
Analyst	: SG
Instrument ID	: LCMS02
GC Column	: Acquity UPLC BEH C18
%Solids	: N/A
Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.81	0.337	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.81	0.296	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.81	0.225	U
NONE	PFOA/PFOS, Total	ND	1.81	0.214	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-06	Date Collected	: 12/07/22 14:50
Client ID	: MW-06R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 01/07/23 12:48
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75896	Analyst	: SG
Sample Amount	: 254.83 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	66.0	1.96	0.400	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	9.12	1.96	0.388	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.96	0.233	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	5.08	1.96	0.322	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.373	1.96	0.221	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.96	0.369	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.96	0.232	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	~~ND~~ UJ	1.96	1.31	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.96	0.675	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.96	0.306	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.96	0.494	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.96	0.298	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.96	1.19	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	~~ND~~ UJ	1.96	0.636	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.96	0.255	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.96	0.961	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	~~ND~~ UJ	1.96	0.569	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	~~ND~~ UJ	1.96	0.789	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-06	Date Collected	: 12/07/22 14:50
Client ID	: MW-06R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 01/07/23 12:48
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75896	Analyst	: SG
Sample Amount	: 254.83 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.96	0.365	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.96	0.321	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.96	0.243	U
NONE	PFOA/PFOS, Total	ND	1.96	0.232	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-07	Date Collected	: 12/07/22 16:25
Client ID	: RIBW-01R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 01/07/23 13:04
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75897	Analyst	: SG
Sample Amount	: 252.91 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	17.3	1.98	0.403	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	3.96	1.98	0.391	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.917	1.98	0.235	J
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.77	1.98	0.324	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.538	1.98	0.223	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.98	0.372	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.589	1.98	0.233	JF
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	~~ND~~ UJ	1.98	1.32	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.98	0.680	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.98	0.308	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.98	0.498	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.98	0.300	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	~~ND~~ UJ	1.98	1.20	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.98	0.640	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.98	0.257	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.98	0.969	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	~~ND~~ UJ	1.98	0.573	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.98	0.795	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-07	Date Collected	: 12/07/22 16:25
Client ID	: RIBW-01R-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 01/07/23 13:04
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75897	Analyst	: SG
Sample Amount	: 252.91 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.98	0.368	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.98	0.323	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.98	0.245	U
NONE	PFOA/PFOS, Total	0.589	1.98	0.233	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-08	Date Collected	: 12/07/22 10:45
Client ID	: RIBW-02-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 01/07/23 13:21
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75898	Analyst	: SG
Sample Amount	: 253.7 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	8.11	1.97	0.402	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.73	1.97	0.390	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.63	1.97	0.234	
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.51	1.97	0.323	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.18	1.97	0.222	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.457	1.97	0.370	JF
335-67-1	Perfluorooctanoic Acid (PFOA)	1.22	1.97	0.232	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	~~ND~~ UJ	1.97	1.31	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.97	0.678	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.97	0.307	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.753	1.97	0.497	JF
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.97	0.300	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.97	1.19	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.97	0.638	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.97	0.256	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.97	0.966	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	~~ND~~ UJ	1.97	0.572	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.97	0.792	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-08	Date Collected	: 12/07/22 10:45
Client ID	: RIBW-02-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 01/07/23 13:21
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75898	Analyst	: SG
Sample Amount	: 253.7 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.97	0.366	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.97	0.322	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.97	0.244	U
NONE	PFOA/PFOS, Total	1.97	1.97	0.232	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: L2269579-09	Date Collected	: 12/07/22 10:50
Client ID	: DUPLICATE-1272022	Date Received	: 12/09/22
Sample Location	: ROCHESTER, NY	Date Analyzed	: 01/07/23 14:11
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75901	Analyst	: SG
Sample Amount	: 253.42 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	8.77	1.97	0.402	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.85	1.97	0.391	J
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	3.14	1.97	0.235	
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.47	1.97	0.324	J
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.17	1.97	0.222	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.97	0.371	U
335-67-1	Perfluorooctanoic Acid (PFOA)	1.23	1.97	0.233	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	~~ND~~ UJ	1.97	1.31	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.97	0.679	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.97	0.308	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.975	1.97	0.497	JF
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.97	0.300	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	~~ND~~ UJ	1.97	1.20	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.97	0.639	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.97	0.256	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.97	0.967	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	~~ND~~ UJ	1.97	0.572	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.97	0.793	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.
Project Name	: 625 GOODMAN SOUTH
Lab ID	: L2269579-09
Client ID	: DUPLICATE-1272022
Sample Location	: ROCHESTER, NY
Sample Matrix	: WATER
Analytical Method	: 134,LCMSMS-ID
Lab File ID	: I75901
Sample Amount	: 253.42 g
Extraction Method	: ALPHA 23528
Extract Volume	: 1000 uL
GPC Cleanup	: N

Lab Number	: L2269579
Project Number	: 2172056
Date Collected	: 12/07/22 10:50
Date Received	: 12/09/22
Date Analyzed	: 01/07/23 14:11
Date Extracted	: 01/04/23
Dilution Factor	: 1
Analyst	: SG
Instrument ID	: LCMS02
GC Column	: Acquity UPLC BEH C18
%Solids	: N/A
Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.97	0.367	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.97	0.323	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.97	0.245	U
NONE	PFOA/PFOS, Total	2.21	1.97	0.233	J

Surrogate Recovery Summary
Form 2
Volatiles

Client: LaBella Associates, P.C.
Project Name: 625 GOODMAN SOUTH

Lab Number: L2269579
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
RIBW-03-1282022 (L2269579-01)	124	96	85	113	0
MW-08R-1282022 (L2269579-02)	118	97	84	120	0
TRIP BLANK-1272022 (L2269579-03)	115	96	85	116	0
MW-06R-1272022 (L2269579-06)	117	98	83	119	0
RIBW-01R-1272022 (L2269579-07)	124	96	85	124	0
RIBW-02-1272022 (L2269579-08D)	109	100	101	108	0
DUPLICATE-1272022 (L2269579-09D)	113	101	100	112	0
WG1724233-3LCS	115	99	88	111	0
WG1724233-4LCSD	106	96	87	110	0
WG1724233-5BLANK	114	95	85	130	0
WG1725375-3LCS	98	105	103	98	0
WG1725375-4LCSD	99	103	100	97	0
WG1725375-5BLANK	105	99	103	103	0
RIBW-02-1272022MS	98	102	101	100	0
RIBW-02-1272022MSD	100	102	99	99	0

QC LIMITS
(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

* Values outside of QC limits

FORM II NYTCL-8260-R2

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2269579
Project Name	: 625 GOODMAN SOUTH	**Project Number**	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1724233-3	**Analysis Date** : 12/15/22 19:56	**File ID** : VE221215N02
LCSD Sample ID	: WG1724233-4	**Analysis Date** : 12/15/22 20:16	**File ID** : VE221215N03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	11	110	10	11	110	0	70-130	20
1,1-Dichloroethane	10	12	120	10	11	110	9	70-130	20
Chloroform	10	11	110	10	11	110	0	70-130	20
Carbon tetrachloride	10	11	110	10	10	100	10	63-132	20
1,2-Dichloropropane	10	10	100	10	9.7	97	3	70-130	20
Dibromochloromethane	10	7.2	72	10	7.4	74	3	63-130	20
1,1,2-Trichloroethane	10	8.3	83	10	8.9	89	7	70-130	20
Tetrachloroethene	10	10	100	10	10	100	0	70-130	20
Chlorobenzene	10	10	100	10	10	100	0	75-130	20
Trichlorofluoromethane	10	14	140	10	13	130	7	62-150	20
1,2-Dichloroethane	10	11	110	10	11	110	0	70-130	20
1,1,1-Trichloroethane	10	11	110	10	11	110	0	67-130	20
Bromodichloromethane	10	9.4	94	10	9.3	93	1	67-130	20
trans-1,3-Dichloropropene	10	7.2	72	10	7.3	73	1	70-130	20
cis-1,3-Dichloropropene	10	8.1	81	10	8.1	81	0	70-130	20
Bromoform	10	6.4	64	10	6.3	63	2	54-136	20
1,1,2,2-Tetrachloroethane	10	8.0	80	10	8.0	80	0	67-130	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	9.6	96	10	9.8	98	2	70-130	20
Ethylbenzene	10	10	100	10	10	100	0	70-130	20
Chloromethane	10	9.3	93	10	9.1	91	2	64-130	20
Bromomethane	10	5.6	56	10	5.6	56	0	39-139	20
Vinyl chloride	10	11	110	10	11	110	0	55-140	20
Chloroethane	10	16	160 Q	10	15	150 Q	6	55-138	20
1,1-Dichloroethene	10	13	130	10	12	120	8	61-145	20
trans-1,2-Dichloroethene	10	11	110	10	12	120	9	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2269579
Project Name	: 625 GOODMAN SOUTH	**Project Number**	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1724233-3	**Analysis Date** : 12/15/22 19:56	**File ID** : VE221215N02
LCSD Sample ID	: WG1724233-4	**Analysis Date** : 12/15/22 20:16	**File ID** : VE221215N03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	10	10	100	10	9.9	99	1	70-130	20
1,2-Dichlorobenzene	10	10	100	10	10	100	0	70-130	20
1,3-Dichlorobenzene	10	10	100	10	10	100	0	70-130	20
1,4-Dichlorobenzene	10	10	100	10	10	100	0	70-130	20
Methyl tert butyl ether	10	9.0	90	10	9.2	92	2	63-130	20
p/m-Xylene	20	21	105	20	22	110	5	70-130	20
o-Xylene	20	22	110	20	21	105	5	70-130	20
cis-1,2-Dichloroethene	10	11	110	10	11	110	0	70-130	20
Styrene	20	21	105	20	21	105	0	70-130	20
Dichlorodifluoromethane	10	12	120	10	12	120	0	36-147	20
Acetone	10	11	110	10	11	110	0	58-148	20
Carbon disulfide	10	12	120	10	12	120	0	51-130	20
2-Butanone	10	9.2	92	10	8.7	87	6	63-138	20
4-Methyl-2-pentanone	10	8.3	83	10	8.4	84	1	59-130	20
2-Hexanone	10	7.4	74	10	7.4	74	0	57-130	20
1,2-Dibromoethane	10	8.6	86	10	8.6	86	0	70-130	20
n-Butylbenzene	10	11	110	10	10	100	10	53-136	20
sec-Butylbenzene	10	10	100	10	10	100	0	70-130	20
tert-Butylbenzene	10	10	100	10	9.8	98	2	70-130	20
1,2-Dibromo-3-chloropropane	10	7.5	75	10	6.2	62	19	41-144	20
Isopropylbenzene	10	9.7	97	10	9.5	95	2	70-130	20
p-Isopropyltoluene	10	10	100	10	10	100	0	70-130	20
Naphthalene	10	9.6	96	10	9.4	94	2	70-130	20
n-Propylbenzene	10	10	100	10	9.8	98	2	69-130	20
1,2,4-Trichlorobenzene	10	11	110	10	10	100	10	70-130	20
1,3,5-Trimethylbenzene	10	10	100	10	10	100	0	64-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2269579
Project Name	: 625 GOODMAN SOUTH	**Project Number**	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1724233-3	**Analysis Date** : 12/15/22 19:56	**File ID** : VE221215N02
LCSD Sample ID	: WG1724233-4	**Analysis Date** : 12/15/22 20:16	**File ID** : VE221215N03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	10	11	110	10	10	100	10	70-130	20
Methyl Acetate	10	9.0	90	10	8.9	89	1	70-130	20
Cyclohexane	10	12	120	10	12	120	0	70-130	20
Freon-113	10	14	140 Q	10	13	130	7	70-130	20
Methyl cyclohexane	10	10	100	10	9.8	98	2	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2269579
Project Name	: 625 GOODMAN SOUTH	**Project Number**	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1725375-3	**Analysis Date** : 12/16/22 16:56	**File ID** : V08221216N01
LCSD Sample ID	: WG1725375-4	**Analysis Date** : 12/16/22 17:17	**File ID** : V08221216N02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	10	100	10	10	100	0	70-130	20
1,1-Dichloroethane	10	11	110	10	11	110	0	70-130	20
Chloroform	10	10	100	10	10	100	0	70-130	20
Carbon tetrachloride	10	9.7	97	10	9.7	97	0	63-132	20
1,2-Dichloropropane	10	11	110	10	11	110	0	70-130	20
Dibromochloromethane	10	9.9	99	10	9.5	95	4	63-130	20
1,1,2-Trichloroethane	10	10	100	10	10	100	0	70-130	20
Tetrachloroethene	10	10	100	10	10	100	0	70-130	20
Chlorobenzene	10	11	110	10	10	100	10	75-130	20
Trichlorofluoromethane	10	7.9	79	10	7.8	78	1	62-150	20
1,2-Dichloroethane	10	10	100	10	10	100	0	70-130	20
1,1,1-Trichloroethane	10	9.7	97	10	9.6	96	1	67-130	20
Bromodichloromethane	10	9.4	94	10	9.4	94	0	67-130	20
trans-1,3-Dichloropropene	10	9.9	99	10	9.5	95	4	70-130	20
cis-1,3-Dichloropropene	10	9.3	93	10	9.2	92	1	70-130	20
Bromoform	10	9.3	93	10	8.8	88	6	54-136	20
1,1,2,2-Tetrachloroethane	10	11	110	10	10	100	10	67-130	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	10	100	10	10	100	0	70-130	20
Ethylbenzene	10	10	100	10	9.9	99	1	70-130	20
Chloromethane	10	12	120	10	12	120	0	64-130	20
Bromomethane	10	5.0	50	10	5.6	56	11	39-139	20
Vinyl chloride	10	11	110	10	11	110	0	55-140	20
Chloroethane	10	8.2	82	10	8.1	81	1	55-138	20
1,1-Dichloroethene	10	8.2	82	10	8.0	80	2	61-145	20
trans-1,2-Dichloroethene	10	11	110	10	10	100	10	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1725375-3 Analysis Date : 12/16/22 16:56	File ID	: V08221216N01
LCSD Sample ID	: WG1725375-4 Analysis Date : 12/16/22 17:17	File ID	: V08221216N02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	10	9.7	97	10	9.7	97	0	70-130	20
1,2-Dichlorobenzene	10	10	100	10	9.8	98	2	70-130	20
1,3-Dichlorobenzene	10	11	110	10	9.9	99	11	70-130	20
1,4-Dichlorobenzene	10	11	110	10	10	100	10	70-130	20
Methyl tert butyl ether	10	9.9	99	10	9.7	97	2	63-130	20
p/m-Xylene	20	20	100	20	20	100	0	70-130	20
o-Xylene	20	20	100	20	19	95	5	70-130	20
cis-1,2-Dichloroethene	10	10	100	10	10	100	0	70-130	20
Styrene	20	19	95	20	19	95	0	70-130	20
Dichlorodifluoromethane	10	11	110	10	11	110	0	36-147	20
Acetone	10	12	120	10	14	140	15	58-148	20
Carbon disulfide	10	8.4	84	10	8.3	83	1	51-130	20
2-Butanone	10	12	120	10	12	120	0	63-138	20
4-Methyl-2-pentanone	10	11	110	10	11	110	0	59-130	20
2-Hexanone	10	11	110	10	11	110	0	57-130	20
1,2-Dibromoethane	10	10	100	10	10	100	0	70-130	20
n-Butylbenzene	10	11	110	10	10	100	10	53-136	20
sec-Butylbenzene	10	11	110	10	10	100	10	70-130	20
tert-Butylbenzene	10	11	110	10	10	100	10	70-130	20
1,2-Dibromo-3-chloropropane	10	10	100	10	9.2	92	8	41-144	20
Isopropylbenzene	10	11	110	10	9.7	97	13	70-130	20
p-Isopropyltoluene	10	11	110	10	10	100	10	70-130	20
Naphthalene	10	10	100	10	9.8	98	2	70-130	20
n-Propylbenzene	10	11	110	10	10	100	10	69-130	20
1,2,4-Trichlorobenzene	10	11	110	10	10	100	10	70-130	20
1,3,5-Trimethylbenzene	10	11	110	10	9.9	99	11	64-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2269579
Project Name	: 625 GOODMAN SOUTH	**Project Number**	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1725375-3	**Analysis Date** : 12/16/22 16:56	**File ID** : V08221216N01
LCSD Sample ID	: WG1725375-4	**Analysis Date** : 12/16/22 17:17	**File ID** : V08221216N02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	10	11	110	10	10	100	10	70-130	20
Methyl Acetate	10	12	120	10	12	120	0	70-130	20
Cyclohexane	10	12	120	10	12	120	0	70-130	20
Freon-113	10	8.4	84	10	8.4	84	0	70-130	20
Methyl cyclohexane	10	9.9	99	10	9.8	98	1	70-130	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Client Sample ID	: RIBW-02-1272022	Matrix	: WATER
Lab Sample ID	: L2269579-08	Analysis Date	: 12/16/22 21:38
Matrix Spike	: WG1725375-6	MS Analysis Date	: 12/17/22 01:38
Matrix Spike Dup	: WG1725375-7	MSD Analysis Date	: 12/17/22 01:58

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	ND	40	40	100	40	39	98	3	70-130	20
1,1-Dichloroethane	ND	40	45	113	40	44	110	2	70-130	20
Chloroform	ND	40	39	98	40	39	98	0	70-130	20
Carbon tetrachloride	ND	40	39	98	40	36	90	8	63-132	20
1,2-Dichloropropane	ND	40	43	108	40	42	105	2	70-130	20
Dibromochloromethane	ND	40	36	90	40	35	88	3	63-130	20
1,1,2-Trichloroethane	ND	40	38	95	40	39	98	3	70-130	20
Tetrachloroethene	ND	40	39	98	40	37	92	5	70-130	20
Chlorobenzene	ND	40	39	98	40	38	95	3	75-130	20
Trichlorofluoromethane	ND	40	32	80	40	31	78	3	62-150	20
1,2-Dichloroethane	ND	40	39	98	40	38	95	3	70-130	20
1,1,1-Trichloroethane	ND	40	39	98	40	38	95	3	67-130	20
Bromodichloromethane	ND	40	36	90	40	36	90	0	67-130	20
trans-1,3-Dichloropropene	ND	40	34	85	40	34	85	0	70-130	20
cis-1,3-Dichloropropene	ND	40	34	85	40	33	82	3	70-130	20
Bromoform	ND	40	31	78	40	31	78	0	54-136	20
1,1,2,2-Tetrachloroethane	ND	40	36	90	40	36	90	0	67-130	20
Benzene	6.3	40	47	102	40	46	99	2	70-130	20
Toluene	9.6J	40	49	123	40	48	120	2	70-130	20
Ethylbenzene	33	40	73	100	40	69	90	6	70-130	20
Chloromethane	ND	40	48	120	40	46	115	4	64-130	20
Bromomethane	ND	40	18	45	40	18	45	0	39-139	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Client Sample ID	: RIBW-02-1272022	Matrix	: WATER
Lab Sample ID	: L2269579-08	Analysis Date	: 12/16/22 21:38
Matrix Spike	: WG1725375-6	MS Analysis Date	: 12/17/22 01:38
Matrix Spike Dup	: WG1725375-7	MSD Analysis Date	: 12/17/22 01:58

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Vinyl chloride	ND	40	48	120	40	46	115	4	55-140	20
Chloroethane	ND	40	48	120	40	48	120	0	55-138	20
1,1-Dichloroethene	ND	40	33	82	40	33	82	0	61-145	20
trans-1,2-Dichloroethene	ND	40	44	110	40	42	105	5	70-130	20
Trichloroethene	ND	40	38	95	40	37	92	3	70-130	20
1,2-Dichlorobenzene	ND	40	37	92	40	36	90	3	70-130	20
1,3-Dichlorobenzene	ND	40	37	92	40	35	88	6	70-130	20
1,4-Dichlorobenzene	ND	40	37	92	40	36	90	3	70-130	20
Methyl tert butyl ether	ND	40	37	92	40	36	90	3	63-130	20
p/m-Xylene	38	80	120	103	80	110	90	9	70-130	20
o-Xylene	33	80	110	96	80	100	84	10	70-130	20
cis-1,2-Dichloroethene	ND	40	41	103	40	40	100	2	70-130	20
Styrene	ND	80	70	88	80	69	86	1	70-130	20
Dichlorodifluoromethane	ND	40	46	115	40	42	105	9	36-147	20
Acetone	ND	40	51	128	40	49	123	4	58-148	20
Carbon disulfide	ND	40	35	88	40	35	88	0	51-130	20
2-Butanone	ND	40	43	108	40	42	105	2	63-138	20
4-Methyl-2-pentanone	ND	40	38	95	40	39	98	3	59-130	20
2-Hexanone	ND	40	39	98	40	38	95	3	57-130	20
1,2-Dibromoethane	ND	40	37	92	40	37	92	0	70-130	20
n-Butylbenzene	ND	40	39	98	40	36	90	8	53-136	20
sec-Butylbenzene	ND	40	39	98	40	35	88	11	70-130	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Client Sample ID	: RIBW-02-1272022	Matrix	: WATER
Lab Sample ID	: L2269579-08	Analysis Date	: 12/16/22 21:38
Matrix Spike	: WG1725375-6	MS Analysis Date	: 12/17/22 01:38
Matrix Spike Dup	: WG1725375-7	MSD Analysis Date	: 12/17/22 01:58

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
tert-Butylbenzene	ND	40	38	95	40	36	90	5	70-130	20
1,2-Dibromo-3-chloropropane	ND	40	35	88	40	35	88	0	41-144	20
Isopropylbenzene	13	40	51	95	40	47	85	8	70-130	20
p-Isopropyltoluene	ND	40	40	100	40	37	92	8	70-130	20
Naphthalene	400	40	450	125	40	440	100	2	70-130	20
n-Propylbenzene	4.0J	40	43	108	40	39	98	10	69-130	20
1,2,4-Trichlorobenzene	ND	40	41	103	40	40	100	2	70-130	20
1,3,5-Trimethylbenzene	8.2J	40	48	120	40	44	110	9	64-130	20
1,2,4-Trimethylbenzene	48	40	89	103	40	82	85	8	70-130	20
Methyl Acetate	ND	40	44	110	40	43	108	2	70-130	20
Cyclohexane	ND	40	50	125	40	44	110	13	70-130	20
Freon-113	ND	40	34	85	40	30	75	13	70-130	20
Methyl cyclohexane	ND	40	39J	98	40	34J	85	14	70-130	20

Method Blank Summary
Form 4
Volatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab Sample ID	: WG1724233-5	Lab File ID	: VE221215N05
Instrument ID	: ELAINE		
Matrix	: WATER	Analysis Date	: 12/15/22 20:57

Client Sample No.	Lab Sample ID	Analysis Date
WG1724233-3LCS	WG1724233-3	12/15/22 19:56
WG1724233-4LCSD	WG1724233-4	12/15/22 20:16
RIBW-03-1282022	L2269579-01	12/16/22 01:47
MW-08R-1282022	L2269579-02	12/16/22 02:08
TRIP BLANK-1272022	L2269579-03	12/16/22 02:28
MW-06R-1272022	L2269579-06	12/16/22 02:49
RIBW-01R-1272022	L2269579-07	12/16/22 03:10

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: WG1724233-5	Date Collected	: NA
Client ID	: WG1724233-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/15/22 20:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: VE221215N05	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: WG1724233-5	Date Collected	: NA
Client ID	: WG1724233-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/15/22 20:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: VE221215N05	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: WG1724233-5	Date Collected	: NA
Client ID	: WG1724233-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/15/22 20:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: VE221215N05	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: WG1724233-5	Date Collected	: NA
Client ID	: WG1724233-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/15/22 20:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: VE221215N05	Instrument ID	: ELAINE
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Method Blank Summary
Form 4
Volatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab Sample ID	: WG1725375-5	Lab File ID	: V08221216N05
Instrument ID	: VOA108		
Matrix	: WATER	Analysis Date	: 12/16/22 18:17

Client Sample No.	Lab Sample ID	Analysis Date
WG1725375-3LCS	WG1725375-3	12/16/22 16:56
WG1725375-4LCSD	WG1725375-4	12/16/22 17:17
DUPLICATE-1272022	L2269579-09D	12/16/22 21:17
RIBW-02-1272022	L2269579-08D	12/16/22 21:38
RIBW-02-1272022MS	WG1725375-6	12/17/22 01:38
RIBW-02-1272022MSD	WG1725375-7	12/17/22 01:58

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: WG1725375-5	Date Collected	: NA
Client ID	: WG1725375-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/16/22 18:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V08221216N05	Instrument ID	: VOA108
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: WG1725375-5	Date Collected	: NA
Client ID	: WG1725375-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/16/22 18:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V08221216N05	Instrument ID	: VOA108
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: WG1725375-5	Date Collected	: NA
Client ID	: WG1725375-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/16/22 18:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V08221216N05	Instrument ID	: VOA108
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: WG1725375-5	Date Collected	: NA
Client ID	: WG1725375-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/16/22 18:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: LAC
Lab File ID	: V08221216N05	Instrument ID	: VOA108
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	:	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

Number TICS found: 0

Concentration Units: ug/L

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: VOA108	Analysis Date	: 11/10/22 16:17
Tune Standard	: WG1711062-1	Tune File ID	: V08221110NBFB4_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	18.7
75	30.0 - 80.0% of mass 95	51.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1)1
174	Greater than 50.0% of mass 95	93.8
175	5.0 - 9.0% of mass 174	6.9 (7.4)1
176	Greater than 95.0% but less than 101% of mass	92.4 (98.4)1
177	5.0 - 9.0% of mass 176	6.1 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1631553-1	V08221110N04	11/10/22 17:38
STD0.5PPB	R1631553-2	V08221110N06	11/10/22 18:18
STD2.0PPB	R1631553-3	V08221110N08	11/10/22 18:58
STD10PPB	R1631553-4	V08221110N09	11/10/22 19:19
STD30PPB	R1631553-5	V08221110N10	11/10/22 19:39
STD80PPB	R1631553-6	V08221110N11	11/10/22 19:59
STD120PPB	R1631553-7	V08221110N12	11/10/22 20:19
STD200PPB	R1631553-8	V08221110N13	11/10/22 20:39
ICV Quant Report	R1631553-9	V08221110N18	11/10/22 22:19

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: LaBella Associates, P.C.	**Lab Number**	: L2269579
Project Name	: 625 GOODMAN SOUTH	**Project Number**	: 2172056
Instrument ID	: VOA108	**Analysis Date**	: 12/16/22 16:36
Tune Standard	: WG1725375-1	**Tune File ID**	: V08221216NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	20.8
75	30.0 - 80.0% of mass 95	49.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.8 (.9)1
174	Greater than 50.0% of mass 95	89.1
175	5.0 - 9.0% of mass 174	6.8 (7.6)1
176	Greater than 95.0% but less than 101% of mass	86 (96.5)1
177	5.0 - 9.0% of mass 176	5.7 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1725375-2CCAL	WG1725375-2	V08221216N01	12/16/22 16:56
WG1725375-3LCS	WG1725375-3	V08221216N01	12/16/22 16:56
WG1725375-4LCSD	WG1725375-4	V08221216N02	12/16/22 17:17
WG1725375-5BLANK	WG1725375-5	V08221216N05	12/16/22 18:17
DUPLICATE-1272022	L2269579-09D	V08221216N14	12/16/22 21:17
RIBW-02-1272022	L2269579-08D	V08221216N15	12/16/22 21:38
WG1725375-6MS	WG1725375-6	V08221216N27	12/17/22 01:38
WG1725375-7MSD	WG1725375-7	V08221216N28	12/17/22 01:58

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: LaBella Associates, P.C.	**Lab Number**	: L2269579
Project Name	: 625 GOODMAN SOUTH	**Project Number**	: 2172056
Instrument ID	: ELAINE	**Analysis Date**	: 11/22/22 12:48
Tune Standard	: WG1715817-1	**Tune File ID**	: VE221122ABF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	19.4
75	30.0 - 80.0% of mass 95	50.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	76.2
175	5.0 - 9.0% of mass 174	5.2 (6.9)1
176	Greater than 95.0% but less than 101% of mass	74.3 (97.4)1
177	5.0 - 9.0% of mass 176	5.2 (7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1636088-1	VE221122A03	11/22/22 13:42
STD0.5PPB	R1636088-2	VE221122A05	11/22/22 14:23
STD2PPB	R1636088-3	VE221122A06	11/22/22 14:43
STD10PPB	R1636088-4	VE221122A09	11/22/22 15:45
STD30PPB	R1636088-5	VE221122A10	11/22/22 16:06
STD80PPB	R1636088-6	VE221122A11	11/22/22 16:26
STD120PPB	R1636088-7	VE221122A12	11/22/22 16:47
STD200PPB	R1636088-8	VE221122A13	11/22/22 17:08
Correlation Data Summary	R1636088-9	VE221122A19	11/22/22 19:11
ICV Quant Report	R1636088-9	VE221122A19	11/22/22 19:11

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: ELAINE	Analysis Date	: 12/15/22 19:17
Tune Standard	: WG1724233-1	Tune File ID	: VE221215NBF1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.3
75	30.0 - 80.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	80.4
175	5.0 - 9.0% of mass 174	5.9 (7.3)1
176	Greater than 95.0% but less than 101% of mass	77.9 (97)1
177	5.0 - 9.0% of mass 176	5.3 (6.8)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1724233-2CCAL	WG1724233-2	VE221215N02	12/15/22 19:56
WG1724233-3LCS	WG1724233-3	VE221215N02	12/15/22 19:56
WG1724233-4LCSD	WG1724233-4	VE221215N03	12/15/22 20:16
WG1724233-5BLANK	WG1724233-5	VE221215N05	12/15/22 20:57
RIBW-03-1282022	L2269579-01	VE221215N19	12/16/22 01:47
MW-08R-1282022	L2269579-02	VE221215N20	12/16/22 02:08
TRIP BLANK-1272022	L2269579-03	VE221215N21	12/16/22 02:28
MW-06R-1272022	L2269579-06	VE221215N22	12/16/22 02:49
RIBW-01R-1272022	L2269579-07	VE221215N23	12/16/22 03:10

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2269579
Project Name	: 625 GOODMAN SOUTH	**Project Number**	: 2172056
Instrument ID	: ELAINE	**Analysis Date**	: 12/15/22 19:56:00
Sample No	: WG1724233-2	**Lab File ID**	: VE221215N02

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1724233-2	240195	5.11	198278	8.26	115541	9.79
Upper Limit	480390	5.61	396556	8.76	231082	10.29
Lower Limit	120098	4.61	99139	7.76	57771	9.29
Sample ID						
WG1724233-3 LCS	240195	5.11	198278	8.26	115541	9.79
WG1724233-4 LCSD	247749	5.11	197391	8.26	117462	9.79
WG1724233-5 BLANK	198810	5.11	182189	8.26	112583	9.79
RIBW-03-1282022	198288	5.11	176443	8.26	107571	9.79
MW-08R-1282022	209980	5.11	177106	8.26	108301	9.79
TRIP BLANK-1272022	200168	5.11	178135	8.26	106235	9.79
MW-06R-1272022	196904	5.11	169870	8.26	106450	9.79
RIBW-01R-1272022	197949	5.11	177572	8.26	109258	9.79

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2269579
Project Name	: 625 GOODMAN SOUTH	**Project Number**	: 2172056
Instrument ID	: VOA108	**Analysis Date**	: 12/16/22 16:56:00
Sample No	: WG1725375-2	**Lab File ID**	: V08221216N01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1725375-2	225808	5.62	166780	8.57	89418	10.05
Upper Limit	451616	6.12	333560	9.07	178836	10.55
Lower Limit	112904	5.12	83390	8.07	44709	9.55
Sample ID						
WG1725375-3 LCS	225808	5.62	166780	8.57	89418	10.05
WG1725375-4 LCSD	228168	5.63	172671	8.57	96689	10.05
WG1725375-5 BLANK	214241	5.63	168929	8.57	94402	10.05
DUPLICATE-1272022	206350	5.63	168034	8.57	98518	10.05
RIBW-02-1272022	212872	5.63	175416	8.57	99535	10.05
RIBW-02-1272022 MS	229145	5.63	173939	8.57	97426	10.05
RIBW-02-1272022 MSD	221808	5.63	167624	8.57	95549	10.05

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 GOODMAN SOUTH

Lab Number: L2269579
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
RIBW-01R-1272022 (L2269579-07)	49	40	54	57	77	64	0
RIBW-02-1272022 (L2269579-08)	62	50	65	60	87	67	0
DUPLICATE-1272022 (L2269579-09)	54	44	60	61	84	69	0
WG1722141-1BLANK	29	34	59	60	32	70	0
WG1722141-2LCS	48	42	51	54	64	60	0
WG1722141-3LCSD	45	38	53	51	66	60	0
RIBW-02-1272022MS	57	49	60	56	76	62	0
RIBW-02-1272022MSD	67	55	71	65	84	72	0

QC LIMITS

(21-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(15-120) FBP = 2-FLUOROBIPHENYL
(10-120) TBP = 2,4,6-TRIBROMOPHENOL
(41-149) TPH = 4-TERPHENYL-D14

* Values outside of QC limits

FORM II NYTCL-8270-LVI

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1722141-2 Analysis Date : 12/15/22 22:32	File ID	: 722141-2
LCSD Sample ID	: WG1722141-3 Analysis Date : 12/15/22 22:55	File ID	: 722141-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	18	9.0	50		18	8.9	49		2	40-140	30
3,3'-Dichlorobenzidine	18	6.0	33	Q	18	6.4	35	Q	6	40-140	30
2,4-Dinitrotoluene	18	11.	63		18	11.	61		3	48-143	30
2,6-Dinitrotoluene	18	11.	61		18	10.	58		5	40-140	30
4-Chlorophenyl phenyl ether	18	10.	56		18	9.8	54		4	40-140	30
4-Bromophenyl phenyl ether	18	11.	59		18	10.	56		5	40-140	30
Bis(2-chloroisopropyl)ether	18	9.3	51		18	9.0	50		2	40-140	30
Bis(2-chloroethoxy)methane	18	10.	55		18	9.5	52		6	40-140	30
Hexachlorocyclopentadiene	18	8.5	46		18	8.4	46		0	40-140	30
Isophorone	18	9.6	53		18	8.9	49		8	40-140	30
Nitrobenzene	18	9.7	53		18	9.4	52		2	40-140	30
NDPA/DPA	18	10.	55		18	9.8	54		2	40-140	30
n-Nitrosodi-n-propylamine	18	9.7	53		18	9.7	53		0	29-132	30
Bis(2-ethylhexyl)phthalate	18	14.	76		18	13.	72		5	40-140	30
Butyl benzyl phthalate	18	12.	67		18	12.	68		1	40-140	30
Di-n-butylphthalate	18	12.	67		18	11.	62		8	40-140	30
Di-n-octylphthalate	18	12.	68		18	12.	66		3	40-140	30
Diethyl phthalate	18	11.	60		18	10.	57		5	40-140	30
Dimethyl phthalate	18	11.	61		18	10.	58		5	40-140	30
Biphenyl	18	11.	60		18	10.	58		3	40-140	30
4-Chloroaniline	18	5.0	28	Q	18	5.7	31	Q	10	40-140	30
2-Nitroaniline	18	11.	62		18	11.	60		3	52-143	30
3-Nitroaniline	18	8.7	48		18	8.4	46		4	25-145	30
4-Nitroaniline	18	9.9	55		18	10.	56		2	51-143	30
Dibenzofuran	18	9.9	54		18	9.6	53		2	40-140	30
1,2,4,5-Tetrachlorobenzene	18	9.9	55		18	9.8	54		2	2-134	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2269579
Project Name	: 625 GOODMAN SOUTH	**Project Number**	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1722141-2 **Analysis Date** : 12/15/22 22:32	**File ID**	: 722141-2
LCSD Sample ID	: WG1722141-3 **Analysis Date** : 12/15/22 22:55	**File ID**	: 722141-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Acetophenone	18	10.	56		18	10.	56		0	39-129	30
2,4,6-Trichlorophenol	18	13.	70		18	12.	66		6	30-130	30
p-Chloro-m-cresol	18	11.	62		18	11.	61		2	23-97	30
2-Chlorophenol	18	10.	55		18	9.6	53		4	27-123	30
2,4-Dichlorophenol	18	11.	61		18	10.	57		7	30-130	30
2,4-Dimethylphenol	18	2.1	12	Q	18	3.1	17	Q	34 Q	30-130	30
2-Nitrophenol	18	12.	66		18	11.	62		6	30-130	30
4-Nitrophenol	18	12.	63		18	11.	62		2	10-80	30
2,4-Dinitrophenol	18	15.	84		18	13.	73		14	20-130	30
4,6-Dinitro-o-cresol	18	16.	87		18	15.	85		2	20-164	30
Phenol	18	7.9	43		18	7.1	39		10	12-110	30
2-Methylphenol	18	7.8	43		18	7.7	42		2	30-130	30
3-Methylphenol/4-Methylphenol	18	9.4	51		18	9.2	50		2	30-130	30
2,4,5-Trichlorophenol	18	12.	64		18	11.	63		2	30-130	30
Carbazole	18	11.	59		18	10.	58		2	55-144	30
Atrazine	18	14.	79		18	14.	75		5	40-140	30
Benzaldehyde	18	10.	57		18	10.	57		0	40-140	30
Caprolactam	18	6.5	36		18	5.6	31		15	10-130	30
2,3,4,6-Tetrachlorophenol	18	12.	68		18	12.	65		5	40-140	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Client Sample ID	: RIBW-02-1272022	Matrix	: WATER
Lab Sample ID	: L2269579-08	Analysis Date	: 12/15/22 09:21
Matrix Spike	: WG1722141-4	MS Analysis Date	: 12/15/22 08:36
Matrix Spike Dup	: WG1722141-5	MSD Analysis Date	: 12/15/22 08:58

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	ND	18.2	10.	55	18.2	12.	66	18	40-140	30
3,3'-Dichlorobenzidine	ND	18.2	2.1J	12 Q	18.2	2.7J	15 Q	25	40-140	30
2,4-Dinitrotoluene	ND	18.2	13.	72	18.2	16.	88	21	48-143	30
2,6-Dinitrotoluene	ND	18.2	11.	61	18.2	13.	72	17	40-140	30
4-Chlorophenyl phenyl ether	ND	18.2	10.	55	18.2	12.	66	18	40-140	30
4-Bromophenyl phenyl ether	ND	18.2	11.	61	18.2	13.	72	17	40-140	30
Bis(2-chloroisopropyl)ether	ND	18.2	10.	55	18.2	12.	66	18	40-140	30
Bis(2-chloroethoxy)methane	ND	18.2	11.	61	18.2	13.	72	17	40-140	30
Hexachlorocyclopentadiene	ND	18.2	8.8J	48	18.2	10.J	55	13	40-140	30
Isophorone	ND	18.2	10.	55	18.2	12.	66	18	40-140	30
Nitrobenzene	ND	18.2	13.	72	18.2	16.	88	21	40-140	30
NDPA/DPA	ND	18.2	11.	61	18.2	13.	72	17	40-140	30
n-Nitrosodi-n-propylamine	ND	18.2	11.	61	18.2	13.	72	17	29-132	30
Bis(2-ethylhexyl)phthalate	ND	18.2	14.	77	18.2	17.	94	19	40-140	30
Butyl benzyl phthalate	ND	18.2	13.	72	18.2	15.	83	14	40-140	30
Di-n-butylphthalate	ND	18.2	13.	72	18.2	15.	83	14	40-140	30
Di-n-octylphthalate	ND	18.2	13.	72	18.2	16.	88	21	40-140	30
Diethyl phthalate	ND	18.2	11.	61	18.2	13.	72	17	40-140	30
Dimethyl phthalate	ND	18.2	11.	61	18.2	13.	72	17	40-140	30
Biphenyl	50.	18.2	62.	66	18.2	74.	130	18	40-140	30
4-Chloroaniline	ND	18.2	10.	55	18.2	12.	66	18	40-140	30
2-Nitroaniline	ND	18.2	12.	66	18.2	15.	83	22	52-143	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Client Sample ID	: RIBW-02-1272022	Matrix	: WATER
Lab Sample ID	: L2269579-08	Analysis Date	: 12/15/22 09:21
Matrix Spike	: WG1722141-4	MS Analysis Date	: 12/15/22 08:36
Matrix Spike Dup	: WG1722141-5	MSD Analysis Date	: 12/15/22 08:58

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
3-Nitroaniline	ND	18.2	7.8	43	18.2	8.8	48	12	25-145	30
4-Nitroaniline	ND	18.2	8.5	47 Q	18.2	10.	55	16	51-143	30
Dibenzofuran	92.	18.2	100	44	18.2	120	150 Q	18	40-140	30
1,2,4,5-Tetrachlorobenzene	ND	18.2	11.	61	18.2	13.	72	17	2-134	30
Acetophenone	ND	18.2	13.	72	18.2	15.	83	14	39-129	30
2,4,6-Trichlorophenol	ND	18.2	14.	77	18.2	16.	88	13	30-130	30
p-Chloro-m-cresol	ND	18.2	12.	66	18.2	14.	77	15	23-97	30
2-Chlorophenol	ND	18.2	11.	61	18.2	13.	72	17	27-123	30
2,4-Dichlorophenol	ND	18.2	12.	66	18.2	15.	83	22	30-130	30
2,4-Dimethylphenol	ND	18.2	12.	66	18.2	14.	77	15	30-130	30
2-Nitrophenol	ND	18.2	13.	72	18.2	16.	88	21	30-130	30
4-Nitrophenol	ND	18.2	14.	77	18.2	14.	77	0	10-80	30
2,4-Dinitrophenol	ND	18.2	17.J	94	18.2	18.J	99	6	20-130	30
4,6-Dinitro-o-cresol	ND	18.2	16.	88	18.2	18.	99	12	20-164	30
Phenol	ND	18.2	9.5	52	18.2	11.	61	15	12-110	30
2-Methylphenol	0.59J	18.2	11.	61	18.2	14.	77	24	30-130	30
3-Methylphenol/4-Methylphenol	ND	18.2	11.	61	18.2	14.	77	24	30-130	30
2,4,5-Trichlorophenol	ND	18.2	12.	66	18.2	14.	77	15	30-130	30
Carbazole	43.	18.2	51.	44 Q	18.2	62.	100	19	55-144	30
Atrazine	ND	18.2	15.	83	18.2	17.	94	13	40-140	30
Benzaldehyde	ND	18.2	21.	120	18.2	26.	140	21	40-140	30
Caprolactam	ND	18.2	8.7J	48	18.2	10.	55	14	10-130	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Client Sample ID	: RIBW-02-1272022	Matrix	: WATER
Lab Sample ID	: L2269579-08	Analysis Date	: 12/15/22 09:21
Matrix Spike	: WG1722141-4	MS Analysis Date	: 12/15/22 08:36
Matrix Spike Dup	: WG1722141-5	MSD Analysis Date	: 12/15/22 08:58

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
2,3,4,6-Tetrachlorophenol	ND	18.2	14.	77	18.2	16.	88	13	40-140	30

Method Blank Summary
Form 4
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab Sample ID	: WG1722141-1	Lab File ID	: 722141-1
Instrument ID	: DAKOTA	Extraction Date	: 12/12/22
Matrix	: WATER	Analysis Date	: 12/15/22 03:21
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
RIBW-01R-1272022	L2269579-07	12/15/22 07:28
RIBW-02-1272022MS	WG1722141-4	12/15/22 08:36
RIBW-02-1272022MSD	WG1722141-5	12/15/22 08:58
RIBW-02-1272022	L2269579-08	12/15/22 09:21
DUPLICATE-1272022	L2269579-09	12/15/22 10:29
WG1722141-2LCS	WG1722141-2	12/15/22 22:32
WG1722141-3LCSD	WG1722141-3	12/15/22 22:55

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: WG1722141-1	Date Collected	: NA
Client ID	: WG1722141-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/15/22 03:21
Sample Matrix	: WATER	Date Extracted	: 12/12/22
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 722141-1	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.50	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.6	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.2	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.93	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.49	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.38	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.53	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.50	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.69	U
78-59-1	Isophorone	ND	5.0	1.2	U
98-95-3	Nitrobenzene	ND	2.0	0.77	U
86-30-6	NDPA/DPA	ND	2.0	0.42	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.5	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.2	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.39	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.38	U
131-11-3	Dimethyl phthalate	ND	5.0	1.8	U
92-52-4	Biphenyl	ND	2.0	0.46	U
106-47-8	4-Chloroaniline	ND	5.0	1.1	U
88-74-4	2-Nitroaniline	ND	5.0	0.50	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: WG1722141-1	Date Collected	: NA
Client ID	: WG1722141-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/15/22 03:21
Sample Matrix	: WATER	Date Extracted	: 12/12/22
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 722141-1	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
99-09-2	3-Nitroaniline	ND	5.0	0.81	U
100-01-6	4-Nitroaniline	ND	5.0	0.80	U
132-64-9	Dibenzofuran	ND	2.0	0.50	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.44	U
98-86-2	Acetophenone	ND	5.0	0.53	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.61	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.35	U
95-57-8	2-Chlorophenol	ND	2.0	0.48	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.41	U
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	U
88-75-5	2-Nitrophenol	ND	10	0.85	U
100-02-7	4-Nitrophenol	ND	10	0.67	U
51-28-5	2,4-Dinitrophenol	ND	20	6.6	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.8	U
108-95-2	Phenol	ND	5.0	0.57	U
95-48-7	2-Methylphenol	ND	5.0	0.49	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.48	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.77	U
86-74-8	Carbazole	ND	2.0	0.49	U
1912-24-9	Atrazine	ND	10	0.76	U
100-52-7	Benzaldehyde	ND	5.0	0.53	U
105-60-2	Caprolactam	ND	10	3.3	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: WG1722141-1	Date Collected	: NA
Client ID	: WG1722141-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/15/22 03:21
Sample Matrix	: WATER	Date Extracted	: 12/12/22
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 722141-1	Analyst	: SZ
Sample Amount	: 275 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	0.84	U

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: DAKOTA	Analysis Date	: 12/10/22 10:31
Tune Standard	: R1642081-4	Tune File ID	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	38.8
68	Less than 2.0% of mass 69	0.5 (.9)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	55.3
197	Less than 2.0% of mass 198	0.3
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	25.7
365	Greater than 1.0% of mass 198	3.4
441	Present, but less than 24% of mass 442	17.3
442	Base Peak, or >50% of mass 198	89.3
443	15.0 - 24.0% of mass 442	16.8 (18.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1642081-19	ABNL10	12/10/22 10:54
ABNL9	R1642081-13	ABNL9	12/10/22 11:16
ABNL8	R1642081-29	ABNL8	12/10/22 11:39
ABNL7	R1642081-27	ABNL7	12/10/22 12:01
ABNL6	R1642081-22	ABNL6	12/10/22 12:24
ABNL5	R1642081-30	ABNL5	12/10/22 12:46
ABNL4	R1642081-7	ABNL4	12/10/22 13:09
ABNL3	R1642081-12	ABNL3	12/10/22 13:31
ABNL2	R1642081-31	ABNL2	12/10/22 13:54
ABNL1	R1642081-15	ABNL1	12/10/22 14:16
AP9L10	R1642081-20	AP9L10	12/10/22 14:39
AP9L9	R1642081-17	AP9L9	12/10/22 15:01
AP9L8	R1642081-34	AP9L8	12/10/22 15:24
AP9L7	R1642081-8	AP9L7	12/10/22 15:46
AP9L6	R1642081-21	AP9L6	12/10/22 16:08
AP9L5	R1642081-25	AP9L5	12/10/22 16:31
AP9L4	R1642081-35	AP9L4	12/10/22 16:53
AP9L3	R1642081-36	AP9L3	12/10/22 17:16
AP9L2	R1642081-16	AP9L2	12/10/22 17:39
AP9L1	R1642081-11	AP9L1	12/10/22 18:01
AP9 ICV Quant Report	R1642081-3	AP9ICV	12/10/22 18:46

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: DAKOTA	Analysis Date	: 12/10/22 19:09
Tune Standard	: R1642081-5	Tune File ID	: Tune3_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	40.9
68	Less than 2.0% of mass 69	0.9 (1.7)1
69		100
70	Less than 2.0% of mass 69	0.2 (.3)1
127	10.0 - 80.0% of Base Peak	58.2
197	Less than 2.0% of mass 198	0.3
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	24.7
365	Greater than 1.0% of mass 198	3.4
441	Present, but less than 24% of mass 442	17.8
442	Base Peak, or >50% of mass 198	83.5
443	15.0 - 24.0% of mass 442	16.1 (19.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10a	R1642081-10	ADPL10A	12/10/22 19:31
ADPL9a	R1642081-28	ADPL9A	12/10/22 19:54
ADPL8a	R1642081-26	ADPL8A	12/10/22 20:16
ADPL7a	R1642081-33	ADPL7A	12/10/22 20:39
ADPL6a	R1642081-32	ADPL6A	12/10/22 21:01
ADPL5a	R1642081-24	ADPL5A	12/10/22 21:24
ADPL4a	R1642081-23	ADPL4A	12/10/22 21:47
ADPL3a	R1642081-18	ADPL3A	12/10/22 22:09
ADPL2a	R1642081-9	ADPL2A	12/10/22 22:32
ADPL1a	R1642081-14	ADPL1A	12/10/22 22:55
ADP ICV Quant Report	R1642081-2	ADPICVA	12/10/22 23:17

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: DAKOTA	Analysis Date	: 12/12/22 13:27
Tune Standard	: R1642081-6	Tune File ID	: Tune4_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	40.9
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	57.6
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 60.0% of Base Peak	25.5
365	Greater than 1.0% of mass 198	3.4
441	Present, but less than 24% of mass 442	17.6
442	Base Peak, or >50% of mass 198	86
443	15.0 - 24.0% of mass 442	16.7 (19.4)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABN ICV Quant Report	R1642081-1	ABNICVA	12/12/22 13:49

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: DAKOTA	Analysis Date	: 12/15/22 00:43
Tune Standard	: WG1723493-1	Tune File ID	: DEG1214n_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	40.8
68	Less than 2.0% of mass 69	0.3 (.6)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	57.6
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7.1
275	10.0 - 60.0% of Base Peak	25.7
365	Greater than 1.0% of mass 198	3.2
441	Present, but less than 24% of mass 442	17
442	Base Peak, or >50% of mass 198	93.8
443	15.0 - 24.0% of mass 442	18 (19.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1723493-6TFACTOR-B	WG1723493-6	DEG1214N	12/15/22 00:43
WG1723493-7TFACTOR-P	WG1723493-7	DEG1214N	12/15/22 00:43
WG1723493-3CCAL	WG1723493-3	ABN1214N	12/15/22 01:06
WG1723493-4CCAL	WG1723493-4	AP91214N	12/15/22 01:28
WG1723493-5CCAL	WG1723493-5	ADP1214N	12/15/22 01:51
WG1722141-1BLANK	WG1722141-1	722141-1	12/15/22 03:21
RIBW-01R-1272022	L2269579-07	69579-07	12/15/22 07:28
WG1722141-4MS	WG1722141-4	722141-4	12/15/22 08:36
WG1722141-5MSD	WG1722141-5	722141-5	12/15/22 08:58
RIBW-02-1272022	L2269579-08	69579-08	12/15/22 09:21
DUPLICATE-1272022	L2269579-09	69579-09	12/15/22 10:29

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: DAKOTA	Analysis Date	: 12/15/22 20:40
Tune Standard	: WG1723956-1	Tune File ID	: DEG1215_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	40.8
68	Less than 2.0% of mass 69	0.5 (1)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	57.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	24.7
365	Greater than 1.0% of mass 198	3.4
441	Present, but less than 24% of mass 442	18.2
442	Base Peak, or >50% of mass 198	87.3
443	15.0 - 24.0% of mass 442	16.8 (19.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1723956-6TFACTOR-B	WG1723956-6	DEG1215	12/15/22 20:40
WG1723956-7TFACTOR-P	WG1723956-7	DEG1215	12/15/22 20:40
WG1723956-3CCAL	WG1723956-3	ABN1215	12/15/22 21:02
WG1723956-4CCAL	WG1723956-4	AP91215	12/15/22 21:25
WG1723956-5CCAL	WG1723956-5	ADP1215	12/15/22 21:47
WG1722141-2LCS	WG1722141-2	722141-2	12/15/22 22:32
WG1722141-3LCSD	WG1722141-3	722141-3	12/15/22 22:55

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: DAKOTA	Analysis Date	: 12/15/22 01:06:00
Sample No	: WG1723493-3	Lab File ID	: ABN1214N

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1723493-3	15764	3.30	59055	4.59	33325	6.27
Upper Limit	31528	3.80	118110	5.09	66650	6.77
Lower Limit	7882	2.80	29528	4.09	16663	5.77
Sample ID						
WG1723493-4 CCAL	14334	3.30	53612	4.59	30664	6.27
WG1723493-5 CCAL	14152	3.30	-	-	29675	6.27
WG1722141-1 BLANK	14238	3.30	52566	4.59	27604	6.27
RIBW-01R-1272022	15863	3.30	59253	4.59	32182	6.27
RIBW-02-1272022 MS	14153	3.30	52843	4.59	29238	6.27
RIBW-02-1272022 MSD	15855	3.30	59528	4.59	32356	6.27
RIBW-02-1272022	15148	3.30	57038	4.59	29926	6.27
DUPLICATE-1272022	15582	3.30	59199	4.59	32676	6.27

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: DAKOTA	Analysis Date	: 12/15/22 01:06:00
Sample No	: WG1723493-3	Lab File ID	: ABN1214N

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1723493-3	70311	7.65	72326	10.13	80854	11.44
Upper Limit	140622	8.15	144652	10.63	161708	11.94
Lower Limit	35156	7.15	36163	9.63	40427	10.94
Sample ID						
WG1723493-4 CCAL	63101	7.65	-	-	-	-
WG1723493-5 CCAL	66000	7.65	-	-	-	-
WG1722141-1 BLANK	62750	7.65	61213	10.13	71522	11.43
RIBW-01R-1272022	66802	7.65	64173	10.13	76687	11.44
RIBW-02-1272022 MS	64605	7.65	63261	10.13	74224	11.44
RIBW-02-1272022 MSD	67583	7.65	64851	10.14	74816	11.44
RIBW-02-1272022	65329	7.65	62103	10.13	71073	11.44
DUPLICATE-1272022	68784	7.65	62048	10.13	71934	11.44

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2269579
Project Name	: 625 GOODMAN SOUTH	**Project Number**	: 2172056
Instrument ID	: DAKOTA	**Analysis Date**	: 12/15/22 21:02:00
Sample No	: WG1723956-3	**Lab File ID**	: ABN1215

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1723956-3	14830	3.23	55191	4.52	31976	6.21
Upper Limit	29660	3.73	110382	5.02	63952	6.71
Lower Limit	7415	2.73	27596	4.02	15988	5.71
Sample ID						
WG1723956-4 CCAL	14696	3.23	55635	4.52	30654	6.20
WG1723956-5 CCAL	15254	3.23	-	-	29153	6.20
WG1722141-2 LCS	15685	3.23	58669	4.52	33101	6.20
WG1722141-3 LCSD	16673	3.23	61050	4.52	34020	6.20

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2269579
Project Name	: 625 GOODMAN SOUTH	**Project Number**	: 2172056
Instrument ID	: DAKOTA	**Analysis Date**	: 12/15/22 21:02:00
Sample No	: WG1723956-3	**Lab File ID**	: ABN1215

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1723956-3	68564	7.58	70935	10.06	80593	11.35
Upper Limit	137128	8.08	141870	10.56	161186	11.85
Lower Limit	34282	7.08	35468	9.56	40297	10.85
Sample ID						
WG1723956-4 CCAL	68044	7.58	-	-	-	-
WG1723956-5 CCAL	66191	7.58	-	-	-	-
WG1722141-2 LCS	71469	7.58	69413	10.06	81343	11.36
WG1722141-3 LCSD	73395	7.58	73875	10.06	87193	11.36

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 GOODMAN SOUTH

Lab Number: L2269579
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
RIBW-01R-1272022 (L2269579-07)	50	48	90	59	125*	67	1
RIBW-02-1272022 (L2269579-08)	67	61	115	69	145*	76	1
DUPLICATE-1272022 (L2269579-09)	56	51	104	66	144*	76	1
WG1722147-1BLANK	38	45	103	65	70	73	0
WG1722147-2LCS	56	55	114	71	99	82	0
WG1722147-3LCSD	56	53	107	66	102	73	0
RIBW-02-1272022MS	63	60	108	68	137*	78	1
RIBW-02-1272022MSD	70	68	124*	79	153*	86	2

QC LIMITS

(21-120)	2FP = 2-FLUOROPHENOL
(10-120)	PHL = PHENOL-D6
(23-120)	NBZ = NITROBENZENE-D5
(15-120)	FBP = 2-FLUOROBIPHENYL
(10-120)	TBP = 2,4,6-TRIBROMOPHENOL
(41-149)	TPH = 4-TERPHENYL-D14

* Values outside of QC limits

FORM II NYTCL-8270-SIM-LVI

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1722147-2 Analysis Date : 12/13/22 16:32	File ID	: 722147-2
LCSD Sample ID	: WG1722147-3 Analysis Date : 12/13/22 16:48	File ID	: 722147-3

Parameter	Laboratory Control Sample True (ug/l)	Found (ug/l)	%R	Laboratory Control Duplicate True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	3.6	2.6	72	3.6	2.4	65	10	40-140	40
2-Chloronaphthalene	3.6	2.6	72	3.6	2.3	64	12	40-140	40
Fluoranthene	3.6	3.0	84	3.6	2.7	75	11	40-140	40
Hexachlorobutadiene	3.6	2.0	56	3.6	1.8	51	9	40-140	40
Naphthalene	3.6	2.4	66	3.6	2.2	61	8	40-140	40
Benzo(a)anthracene	3.6	3.2	87	3.6	2.8	76	13	40-140	40
Benzo(a)pyrene	3.6	3.3	90	3.6	2.8	78	14	40-140	40
Benzo(b)fluoranthene	3.6	3.1	86	3.6	2.8	78	10	40-140	40
Benzo(k)fluoranthene	3.6	3.5	97	3.6	3.0	82	17	40-140	40
Chrysene	3.6	3.1	85	3.6	2.7	76	11	40-140	40
Acenaphthylene	3.6	2.8	76	3.6	2.5	70	8	40-140	40
Anthracene	3.6	2.9	81	3.6	2.6	72	12	40-140	40
Benzo(ghi)perylene	3.6	3.4	93	3.6	2.9	80	15	40-140	40
Fluorene	3.6	2.8	78	3.6	2.6	70	11	40-140	40
Phenanthrene	3.6	2.9	79	3.6	2.6	70	12	40-140	40
Dibenzo(a,h)anthracene	3.6	3.7	101	3.6	3.1	86	16	40-140	40
Indeno(1,2,3-cd)pyrene	3.6	3.6	99	3.6	3.2	88	12	40-140	40
Pyrene	3.6	3.1	84	3.6	2.8	77	9	40-140	40
2-Methylnaphthalene	3.6	2.5	68	3.6	2.3	64	6	40-140	40
Pentachlorophenol	3.6	4.8	131	3.6	4.4	121	8	40-140	40
Hexachlorobenzene	3.6	2.9	80	3.6	2.6	73	9	40-140	40
Hexachloroethane	3.6	2.2	60	3.6	2.0	55	9	40-140	40

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Client Sample ID	: RIBW-02-1272022	Matrix	: WATER
Lab Sample ID	: L2269579-08	Analysis Date	: 12/13/22 17:37
Matrix Spike	: WG1722147-4	MS Analysis Date	: 12/13/22 17:53
Matrix Spike Dup	: WG1722147-5	MSD Analysis Date	: 12/13/22 18:09

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	160E	18.2	180	0 Q	18.2	220	0 Q	20	40-140	40
2-Chloronaphthalene	ND	18.2	13	72	18.2	15	83	14	40-140	40
Fluoranthene	4.2	18.2	20	87	18.2	23	100	14	40-140	40
Hexachlorobutadiene	ND	18.2	10	55	18.2	12	66	18	40-140	40
Naphthalene	180E	18.2	200	0 Q	18.2	240	0 Q	18	40-140	40
Benzo(a)anthracene	0.25	18.2	15	81	18.2	18	98	18	40-140	40
Benzo(a)pyrene	0.07J	18.2	15	83	18.2	18	99	18	40-140	40
Benzo(b)fluoranthene	0.08J	18.2	15	83	18.2	18	99	18	40-140	40
Benzo(k)fluoranthene	0.04J	18.2	16	88	18.2	17	94	6	40-140	40
Chrysene	0.15	18.2	14	76	18.2	16	87	13	40-140	40
Acenaphthylene	10	18.2	24	77	18.2	28	99	15	40-140	40
Anthracene	3.1	18.2	18	82	18.2	20	93	11	40-140	40
Benzo(ghi)perylene	ND	18.2	15	83	18.2	18	99	18	40-140	40
Fluorene	97E	18.2	120	0 Q	18.2	140	0 Q	15	40-140	40
Phenanthrene	58	18.2	78	110	18.2	92	190 Q	16	40-140	40
Dibenzo(a,h)anthracene	ND	18.2	16	88	18.2	19	100	17	40-140	40
Indeno(1,2,3-cd)pyrene	ND	18.2	16	88	18.2	18	99	12	40-140	40
Pyrene	2.5	18.2	18	85	18.2	21	100	15	40-140	40
2-Methylnaphthalene	5.8	18.2	18	67	18.2	22	89	20	40-140	40
Pentachlorophenol	ND	18.2	26	140	18.2	33	180 Q	24	40-140	40
Hexachlorobenzene	ND	18.2	14	77	18.2	17	94	19	40-140	40
Hexachloroethane	ND	18.2	14	77	18.2	17	94	19	40-140	40

Method Blank Summary
Form 4
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab Sample ID	: WG1722147-1	Lab File ID	: 722147-1
Instrument ID	: SV128	Extraction Date	: 12/12/22
Matrix	: WATER	Analysis Date	: 12/13/22 17:04
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1722147-2LCS	WG1722147-2	12/13/22 16:32
WG1722147-3LCSD	WG1722147-3	12/13/22 16:48
RIBW-01R-1272022	L2269579-07	12/13/22 17:20
RIBW-02-1272022	L2269579-08	12/13/22 17:37
RIBW-02-1272022MS	WG1722147-4	12/13/22 17:53
RIBW-02-1272022MSD	WG1722147-5	12/13/22 18:09
DUPLICATE-1272022	L2269579-09	12/13/22 18:25
RIBW-02-1272022	L2269579-08D	12/23/22 12:17
DUPLICATE-1272022	L2269579-09D	12/23/22 12:33

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: WG1722147-1	Date Collected	: NA
Client ID	: WG1722147-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/13/22 17:04
Sample Matrix	: WATER	Date Extracted	: 12/12/22
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 722147-1	Analyst	: ALS
Sample Amount	: 275 ml	Instrument ID	: SV128
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	ND	0.10	0.05	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.02	U
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 02/09/22 15:43
Tune Standard	: R1531963-12	Tune File ID	: tune_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	47.5
68	Less than 2.0% of mass 69	0.2 (.3)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	50.1
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	25.4
365	Greater than 1.0% of mass 198	2.9
441	Present, but less than 24% of mass 442	17
442	Base Peak, or >50% of mass 198	67.4
443	15.0 - 24.0% of mass 442	12.8 (18.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
IL10	R1531963-1	IL10	02/09/22 16:10
IL9	R1531963-8	IL9	02/09/22 17:05
IL8	R1531963-7	IL8	02/09/22 17:22
IL7	R1531963-10	IL7	02/09/22 17:38
IL6	R1531963-9	IL6	02/09/22 17:54
IL5	R1531963-3	IL5	02/09/22 18:10
IL4	R1531963-5	IL4	02/09/22 18:27
IL3	R1531963-6	IL3	02/09/22 18:43
IL2	R1531963-4	IL2	02/09/22 18:59
IL1	R1531963-2	IL1	02/09/22 19:16
ICV Quant Report	R1531963-11	ICV	02/09/22 19:32

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 12/23/22 09:53
Tune Standard	: WG1727131-1	Tune File ID	: deg1223_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	43.1
68	Less than 2.0% of mass 69	0.4 (1.1)1
69		100
70	Less than 2.0% of mass 69	0.1 (.2)1
127	10.0 - 80.0% of Base Peak	48.2
197	Less than 2.0% of mass 198	0.4
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7.5
275	10.0 - 60.0% of Base Peak	26.4
365	Greater than 1.0% of mass 198	3.9
441	Present, but less than 24% of mass 442	17.8
442	Base Peak, or >50% of mass 198	91.6
443	15.0 - 24.0% of mass 442	17.5 (19.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1727131-4TFACTOR-B	WG1727131-4	DEG1223	12/23/22 09:53
WG1727131-5TFACTOR-P	WG1727131-5	DEG1223	12/23/22 09:53
WG1727131-3CCAL	WG1727131-3	CCV1223A	12/23/22 10:42
RIBW-02-1272022	L2269579-08D	579-08D1	12/23/22 12:17
DUPLICATE-1272022	L2269579-09D	579-09D1	12/23/22 12:33

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 10/28/22 17:22
Tune Standard	: R1626970-11	Tune File ID	: tune_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	44.2
68	Less than 2.0% of mass 69	0.4 (1)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	49.4
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	24.3
365	Greater than 1.0% of mass 198	2.8
441	Present, but less than 24% of mass 442	17.4
442	Base Peak, or >50% of mass 198	75.2
443	15.0 - 24.0% of mass 442	14.5 (19.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
IL10	R1626970-2	IL10	10/28/22 17:40
IL9	R1626970-9	IL9	10/28/22 17:57
IL8	R1626970-8	IL8	10/28/22 18:13
IL7	R1626970-10	IL7	10/28/22 18:29
IL6	R1626970-6	IL6	10/28/22 18:46
IL5	R1626970-7	IL5	10/28/22 19:02
IL4	R1626970-5	IL4	10/28/22 19:18
IL3	R1626970-4	IL3	10/28/22 19:35
IL2	R1626970-3	IL2	10/28/22 19:51
IL1	R1626970-1	IL1	10/28/22 20:08
ICV Quant Report	R1626970-12	ICV	10/28/22 20:24

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 12/13/22 07:04
Tune Standard	: WG1722556-1	Tune File ID	: deg1213_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	46.8
68	Less than 2.0% of mass 69	0.3 (.8)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	50.9
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	25
365	Greater than 1.0% of mass 198	3.3
441	Present, but less than 24% of mass 442	18.5
442	Base Peak, or >50% of mass 198	82.5
443	15.0 - 24.0% of mass 442	15.5 (18.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1722556-4TFACTOR-B	WG1722556-4	DEG1213	12/13/22 07:04
WG1722556-5TFACTOR-P	WG1722556-5	DEG1213	12/13/22 07:04
WG1722556-3CCAL	WG1722556-3	CCV1213	12/13/22 07:24
WG1722147-2LCS	WG1722147-2	722147-2	12/13/22 16:32
WG1722147-3LCSD	WG1722147-3	722147-3	12/13/22 16:48
WG1722147-1BLANK	WG1722147-1	722147-1	12/13/22 17:04
RIBW-01R-1272022	L2269579-07	69579-07	12/13/22 17:20
RIBW-02-1272022	L2269579-08	69579-08	12/13/22 17:37
WG1722147-4MS	WG1722147-4	722147-4	12/13/22 17:53
WG1722147-5MSD	WG1722147-5	722147-5	12/13/22 18:09
DUPLICATE-1272022	L2269579-09	69579-09	12/13/22 18:25

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 12/13/22 07:24:00
Sample No	: WG1722556-3	Lab File ID	: CCV1213

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1722556-3	6088	1.90	22233	2.56	12873	3.54
Upper Limit	12176	2.40	44466	3.06	25746	4.04
Lower Limit	3044	1.40	11117	2.06	6437	3.04
Sample ID						
WG1722147-2 LCS	6652	1.90	24921	2.56	14911	3.54
WG1722147-3 LCSD	6218	1.90	23240	2.56	14202	3.54
WG1722147-1 BLANK	6519	1.90	24871	2.56	14949	3.54
RIBW-01R-1272022	6056	1.90	22579	2.56	13891	3.54
RIBW-02-1272022	6299	1.90	23404	2.56	14302	3.54
RIBW-02-1272022 MS	5284	1.90	19795	2.56	12210	3.54
RIBW-02-1272022 MSD	6004	1.90	22352	2.56	13704	3.54
DUPLICATE-1272022	6557	1.90	24733	2.56	15312	3.54

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	**Lab Number**	: L2269579
Project Name	: 625 GOODMAN SOUTH	**Project Number**	: 2172056
Instrument ID	: SV128	**Analysis Date**	: 12/13/22 07:24:00
Sample No	: WG1722556-3	**Lab File ID**	: CCV1213

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1722556-3	31121	4.38	31406	5.87	35669	6.82
Upper Limit	62242	4.88	62812	6.37	71338	7.32
Lower Limit	15561	3.88	15703	5.37	17835	6.32
Sample ID						
WG1722147-2 LCS	37850	4.37	36607	5.86	39151	6.81
WG1722147-3 LCSD	36769	4.37	37385	5.87	39760	6.81
WG1722147-1 BLANK	37934	4.37	36649	5.86	39360	6.81
RIBW-01R-1272022	35140	4.37	35098	5.87	38866	6.81
RIBW-02-1272022	36507	4.37	34617	5.87	37728	6.81
RIBW-02-1272022 MS	32059	4.37	34330	5.87	37178	6.81
RIBW-02-1272022 MSD	34762	4.37	35540	5.86	38194	6.81
DUPLICATE-1272022	38557	4.37	35915	5.87	38618	6.81

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 12/23/22 10:42:00
Sample No	: WG1727131-3	Lab File ID	: CCV1223A

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG1727131-3	6221	2.30	22992	2.97	13620	3.96
Upper Limit	12442	2.80	45984	3.47	27240	4.46
Lower Limit	3111	1.80	11496	2.47	6810	3.46
Sample ID						
RIBW-02-1272022	5071	2.30	18734	2.97	11020	3.95
DUPLICATE-1272022	5153	2.30	18486	2.97	10680	3.95

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Instrument ID	: SV128	Analysis Date	: 12/23/22 10:42:00
Sample No	: WG1727131-3	Lab File ID	: CCV1223A

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG1727131-3	33876	4.80	37205	6.37	42648	7.63
Upper Limit	67752	5.30	74410	6.87	85296	8.13
Lower Limit	16938	4.30	18603	5.87	21324	7.13
Sample ID						
RIBW-02-1272022	25880	4.80	28165	6.36	32174	7.63
DUPLICATE-1272022	25329	4.80	27686	6.36	31801	7.63

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 GOODMAN SOUTH

Lab Number: L2269579
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
RIBW-03-1282022 (L2269579-01)	88	77	83	68	79	90	89
MW-08R-1282022 (L2269579-02)	72	77	95	72	76	96	83
EB-01-1272022 (L2269579-04)	98	117	98	98	96	97	100
EB-02-1282022 (L2269579-05)	106	125	106	107	104	106	106
MW-06R-1272022 (L2269579-06)	108	125	104	103	106	105	108
RIBW-01R-1272022 (L2269579-07)	97	97	95	89	97	101	102
RIBW-02-1272022 (L2269579-08)	93	97	94	85	90	99	97
DUPLICATE-1272022 (L2269579-09)	100	100	94	84	93	100	97
WG1729717-1BLANK	103	123	106	103	101	105	106
WG1729717-2LCS	103	121	107	109	105	107	106
RIBW-02-1272022MS	100	101	98	88	94	104	101
RIBW-02-1272022MSD	102	102	100	90	98	104	105

QC LIMITS

(58-132) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
(62-163) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
(70-131) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
(57-129) S4 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
(60-129) S5 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
(71-134) S6 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)
(71-134) S7 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)

* Values outside of QC limits

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 GOODMAN SOUTH

Lab Number: L2269579
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
RIBW-03-1282022 (L2269579-01)	229*	98	88	82	137	59	71
MW-08R-1282022 (L2269579-02)	129	89	97	91	108	62	77
EB-01-1272022 (L2269579-04)	101	111	99	102	95	73	91
EB-02-1282022 (L2269579-05)	112	116	108	111	109	76	97
MW-06R-1272022 (L2269579-06)	158*	113	103	101	106	62	81
RIBW-01R-1272022 (L2269579-07)	203*	116	106	106	135	73	89
RIBW-02-1272022 (L2269579-08)	215*	105	103	101	128	77	88
DUPLICATE-1272022 (L2269579-09)	217*	115	103	105	144	83	94
WG1729717-1BLANK	105	116	107	109	103	79	93
WG1729717-2LCS	122	123	110	113	107	94	104
RIBW-02-1272022MS	225*	116	107	109	136	77	94
RIBW-02-1272022MSD	247*	119	111	110	151	84	90

QC LIMITS

(14-147)	S8 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
(59-139)	S9 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
(69-131)	S10 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
(62-124)	S11 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
(10-162)	S12 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
(24-116)	S13 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)
(24-116)	S14 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE (Continued)

Surrogate (Extracted Internal Standard) Recovery Summary
Form 2
Semivolatiles

Client: LaBella Associates, P.C.
Project Name: 625 GOODMAN SOUTH

Lab Number: L2269579
Project Number: 2172056
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()	TOT OUT
RIBW-03-1282022 (L2269579-01)	23	63	57	65	--	--	--	1
MW-08R-1282022 (L2269579-02)	10	61	70	67	--	--	--	0
EB-01-1272022 (L2269579-04)	24	76	80	87	--	--	--	0
EB-02-1282022 (L2269579-05)	47	78	87	88	--	--	--	0
MW-06R-1272022 (L2269579-06)	30	60	77	77	--	--	--	1
RIBW-01R-1272022 (L2269579-07)	24	76	79	79	--	--	--	1
RIBW-02-1272022 (L2269579-08)	23	81	77	74	--	--	--	1
DUPLICATE-1272022 (L2269579-09)	23	88	89	87	--	--	--	1
WG1729717-1BLANK	34	78	86	78	--	--	--	0
WG1729717-2LCS	47	91	88	102	--	--	--	0
RIBW-02-1272022MS	25	85	84	84	--	--	--	1
RIBW-02-1272022MSD	25	85	83	82	--	--	--	1

QC LIMITS

(10-112) S15 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
(27-126) S16 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
(48-131) S17 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
(22-136) S18 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE (Continued)

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client : LaBella Associates, P.C.
Project Name : 625 GOODMAN SOUTH
Matrix : WATER
LCS Sample ID : WG1729717-2
LCSD Sample ID :

Lab Number : L2269579
Project Number : 2172056

Analysis Date : 01/07/23 11:25
Analysis Date :

File ID : I75891
File ID :

Parameter	Laboratory Control Sample True (ng/l)	Found (ng/l)	%R	Laboratory Control Duplicate True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
Perfluorobutanoic Acid (PFBA)	40	44.9	112 ✓				-	67-148	30
Perfluoropentanoic Acid (PFPeA)	40	42.1	105				-	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	35.5	40.8	115				-	65-157	30
Perfluorohexanoic Acid (PFHxA)	40	43.8	109				-	69-168	30
Perfluoroheptanoic Acid (PFHpA)	40	44.5	111				-	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	36.6	45.8	125				-	69-177	30
Perfluorooctanoic Acid (PFOA)	40	45.4	114				-	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	38.1	42.9	113				-	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.2	40.4	106				-	61-179	30
Perfluorononanoic Acid (PFNA)	40	40.7	102				-	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	37.1	43.9	118				-	52-151	30
Perfluorodecanoic Acid (PFDA)	40	43.7	109				-	63-171	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	38.4	45.8	119				-	56-173	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Matrix	: WATER		
LCS Sample ID	: WG1729717-2	Analysis Date : 01/07/23 11:25	File ID : I75891
LCSD Sample ID	:	Analysis Date :	File ID :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R	RPD	Recovery Limits	RPD Limit
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	40	45.2	113				-	60-166	30
Perfluoroundecanoic Acid (PFUnA)	40	46.5	116				-	60-153	30
Perfluorodecanesulfonic Acid (PFDS)	38.6	40.3	104				-	38-156	30
Perfluorooctanesulfonamide (FOSA)	40	42.1	105				-	46-170	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	40	44.9	112				-	45-170	30
Perfluorododecanoic Acid (PFDoA)	40	49.2	123				-	67-153	30
Perfluorotridecanoic Acid (PFTrDA)	40	49.4	123				-	48-158	30
Perfluorotetradecanoic Acid (PFTA)	40	42.3	106				-	59-182	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Client Sample ID	: RIBW-02-1272022	Matrix	: WATER
Lab Sample ID	: L2269579-08	Analysis Date	: 01/07/23 13:21
Matrix Spike	: WG1729717-3	MS Analysis Date	: 01/07/23 13:37
Matrix Spike Dup	: WG1729717-4	MSD Analysis Date	: 01/07/23 13:54

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ng/l)	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	RPD	Recovery Limits	RPD Limit
Perfluorobutanoic Acid (PFBA)	8.11	39.4	46.4	97	40.2	50.9	107	9	67-148	30
Perfluoropentanoic Acid (PFPeA)	1.73J	39.4	38.0	92	40.2	41.6	99	9	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	2.63	35	38.5	102	35.7	41.1	108	7	65-157	30
Perfluorohexanoic Acid (PFHxA)	1.51J	39.4	40.1	98	40.2	43.6	105	8	69-168	30
Perfluoroheptanoic Acid (PFHpA)	1.18J	39.4	40.6	100	40.2	44.0	107	8	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	0.457JF	36	41.3	113	36.7	44.6	120	8	69-177	30
Perfluorooctanoic Acid (PFOA)	1.22J	39.4	40.9	101	40.2	44.1	107	8	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	37.5	38.2	102	38.2	41.3	108	8	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	37.6	36.4	97	38.3	40.0	104	9	61-179	30
Perfluorononanoic Acid (PFNA)	ND	39.4	35.7	91	40.2	39.2	98	9	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	0.753JF	36.6	41.0	110	37.3	42.8	113	4	52-151	30
Perfluorodecanoic Acid (PFDA)	ND	39.4	36.5	93	40.2	38.3	95	5	63-171	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	37.8	39.4	104	38.6	42.6	110	8	56-173	30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	39.4	41.6	106	40.2	37.5	93	10	60-166	30
Perfluoroundecanoic Acid (PFUnA)	ND	39.4	42.2	107	40.2	44.6	111	6	60-153	30

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Client Sample ID	: RIBW-02-1272022	Matrix	: WATER
Lab Sample ID	: L2269579-08	Analysis Date	: 01/07/23 13:21
Matrix Spike	: WG1729717-3	MS Analysis Date	: 01/07/23 13:37
Matrix Spike Dup	: WG1729717-4	MSD Analysis Date	: 01/07/23 13:54

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ng/l)	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R	RPD	Recovery Limits	RPD Limit
Perfluorodecanesulfonic Acid (PFDS)	ND	38.1	36.6	96	38.8	37.0	95	1	38-156	30
Perfluorooctanesulfonamide (FOSA)	ND	39.4	37.3	95	40.2	41.1	102	10	46-170	30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	39.4	36.4	92	40.2	38.2	95	5	45-170	30
Perfluorododecanoic Acid (PFDoA)	ND	39.4	40.7	103	40.2	45.9	114	12	67-153	30
Perfluorotridecanoic Acid (PFTrDA)	ND	39.4	39.6	100	40.2	39.2	98	1	48-158	30
Perfluorotetradecanoic Acid (PFTA)	ND	39.4	38.0	96	40.2	38.5	96	1	59-182	30

Method Blank Summary
Form 4
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab Sample ID	: WG1729717-1	Lab File ID	: I75890
Instrument ID	: LCMS02	Extraction Date	: 01/04/23
Matrix	: WATER	Analysis Date	: 01/07/23 11:08
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1729717-2LCS	WG1729717-2	01/07/23 11:25
RIBW-03-1282022	L2269579-01	01/07/23 11:42
MW-08R-1282022	L2269579-02	01/07/23 11:58
EB-01-1272022	L2269579-04	01/07/23 12:15
EB-02-1282022	L2269579-05	01/07/23 12:31
MW-06R-1272022	L2269579-06	01/07/23 12:48
RIBW-01R-1272022	L2269579-07	01/07/23 13:04
RIBW-02-1272022	L2269579-08	01/07/23 13:21
RIBW-02-1272022MS	WG1729717-3	01/07/23 13:37
RIBW-02-1272022MSD	WG1729717-4	01/07/23 13:54
DUPLICATE-1272022	L2269579-09	01/07/23 14:11

Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: WG1729717-1	Date Collected	: NA
Client ID	: WG1729717-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/07/23 11:08
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75890	Analyst	: SG
Sample Amount	: 250 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	2.00	0.408	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.00	0.396	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.00	0.238	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.00	0.328	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.00	0.225	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.00	0.376	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.00	0.236	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.00	1.33	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.00	0.688	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.00	0.312	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.00	0.504	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.00	0.304	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.00	1.21	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	2.00	0.648	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.00	0.260	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.00	0.980	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.580	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.00	0.804	U

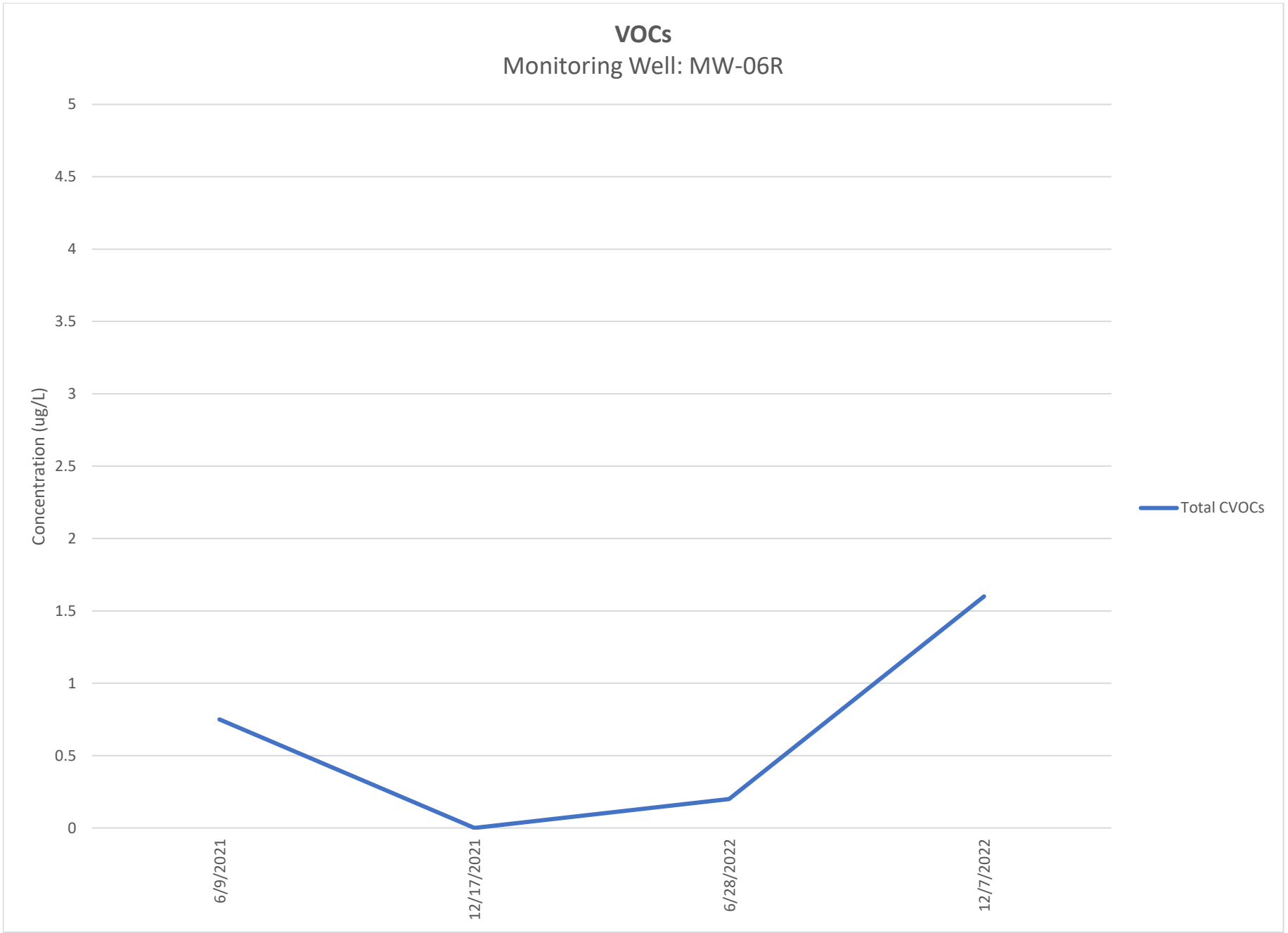
Results Summary
Form 1
Perfluorinated Alkyl Acids by Isotope Dilution

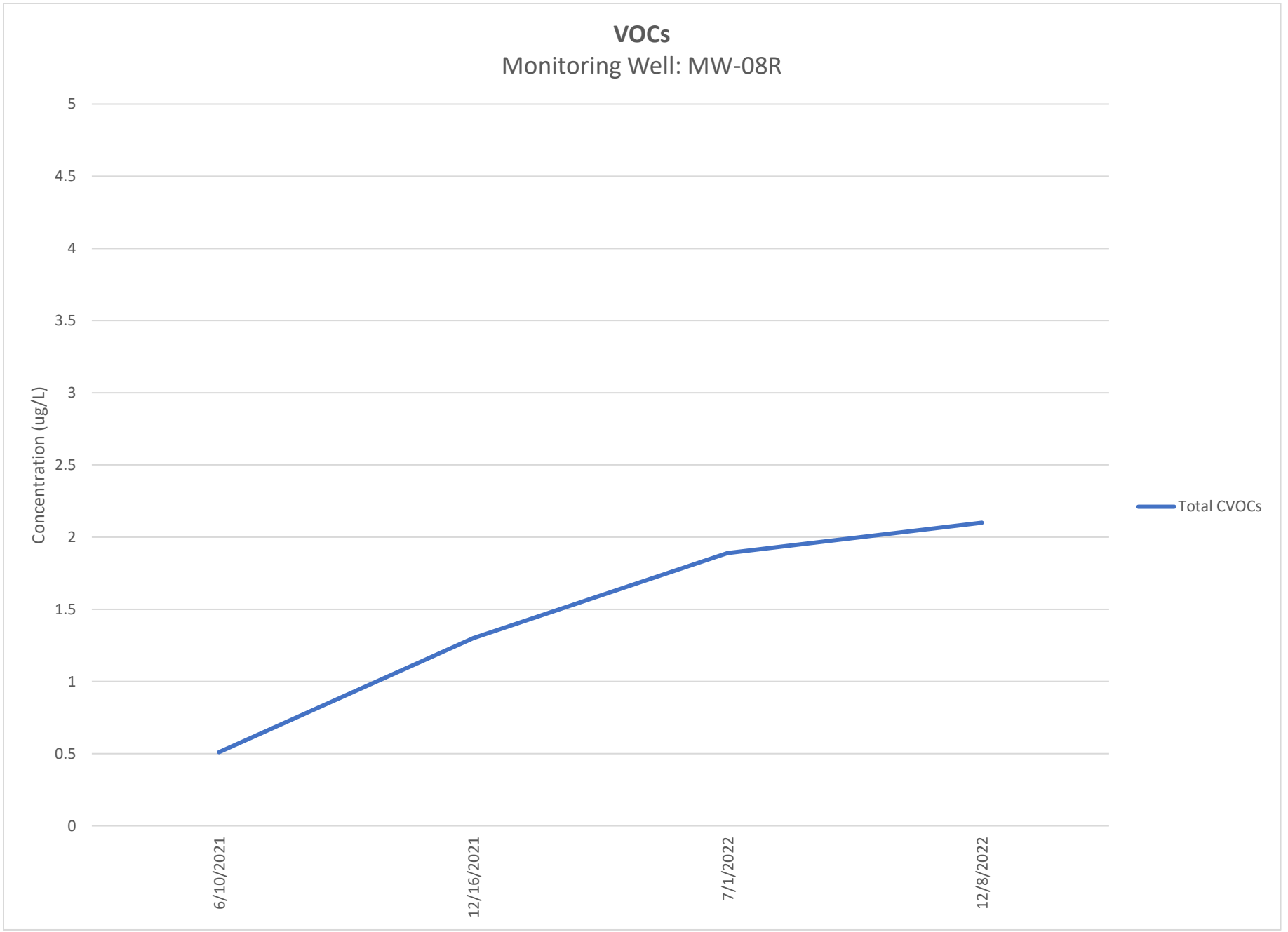
Client	: LaBella Associates, P.C.	Lab Number	: L2269579
Project Name	: 625 GOODMAN SOUTH	Project Number	: 2172056
Lab ID	: WG1729717-1	Date Collected	: NA
Client ID	: WG1729717-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/07/23 11:08
Sample Matrix	: WATER	Date Extracted	: 01/04/23
Analytical Method	: 134,LCMSMS-ID	Dilution Factor	: 1
Lab File ID	: I75890	Analyst	: SG
Sample Amount	: 250 g	Instrument ID	: LCMS02
Extraction Method	: ALPHA 23528	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

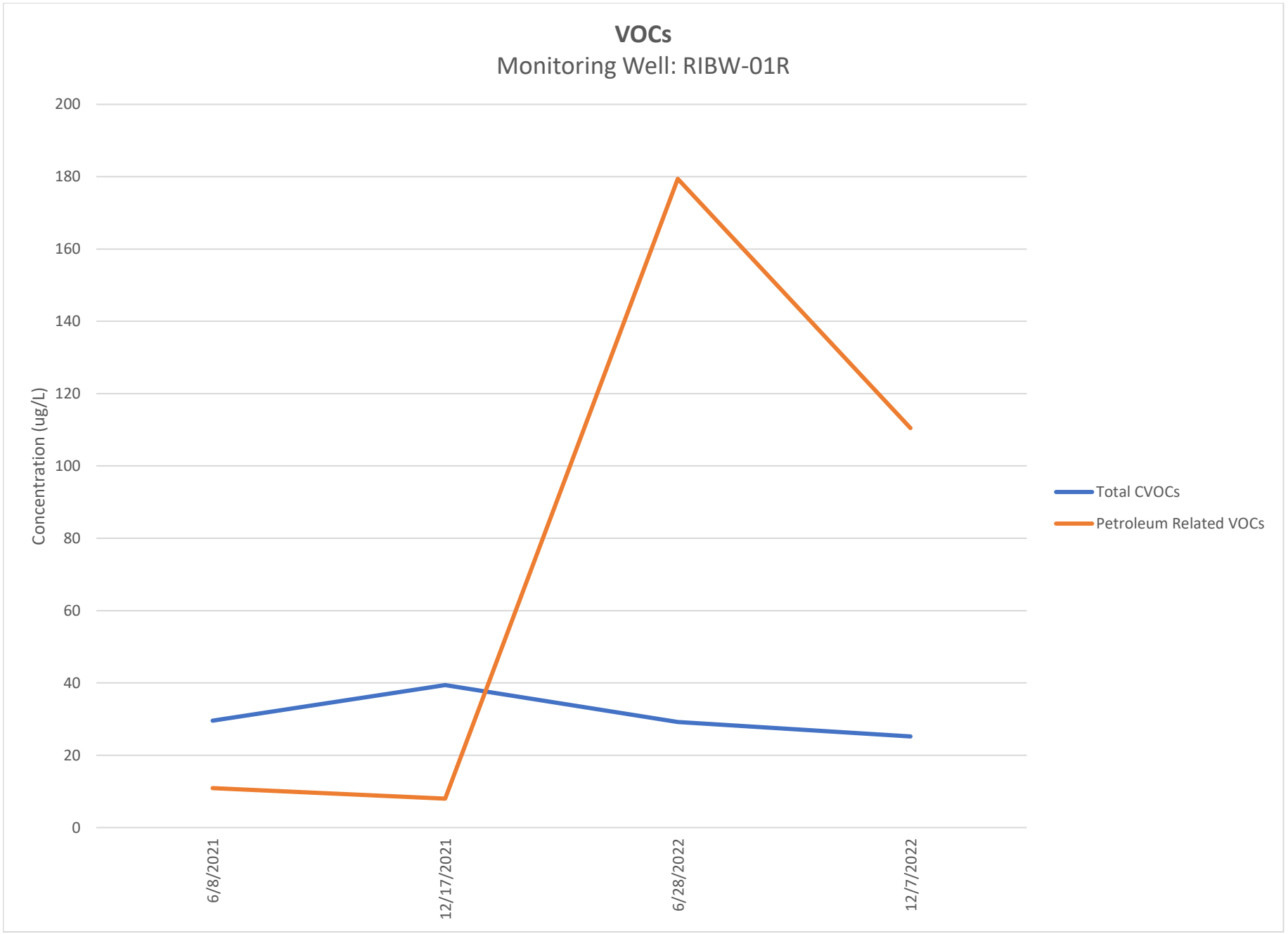
CAS NO.	Parameter	ng/l Results	RL	MDL	Qualifier
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.00	0.372	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.00	0.327	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.00	0.248	U
NONE	PFOA/PFOS, Total	ND	2.00	0.236	U

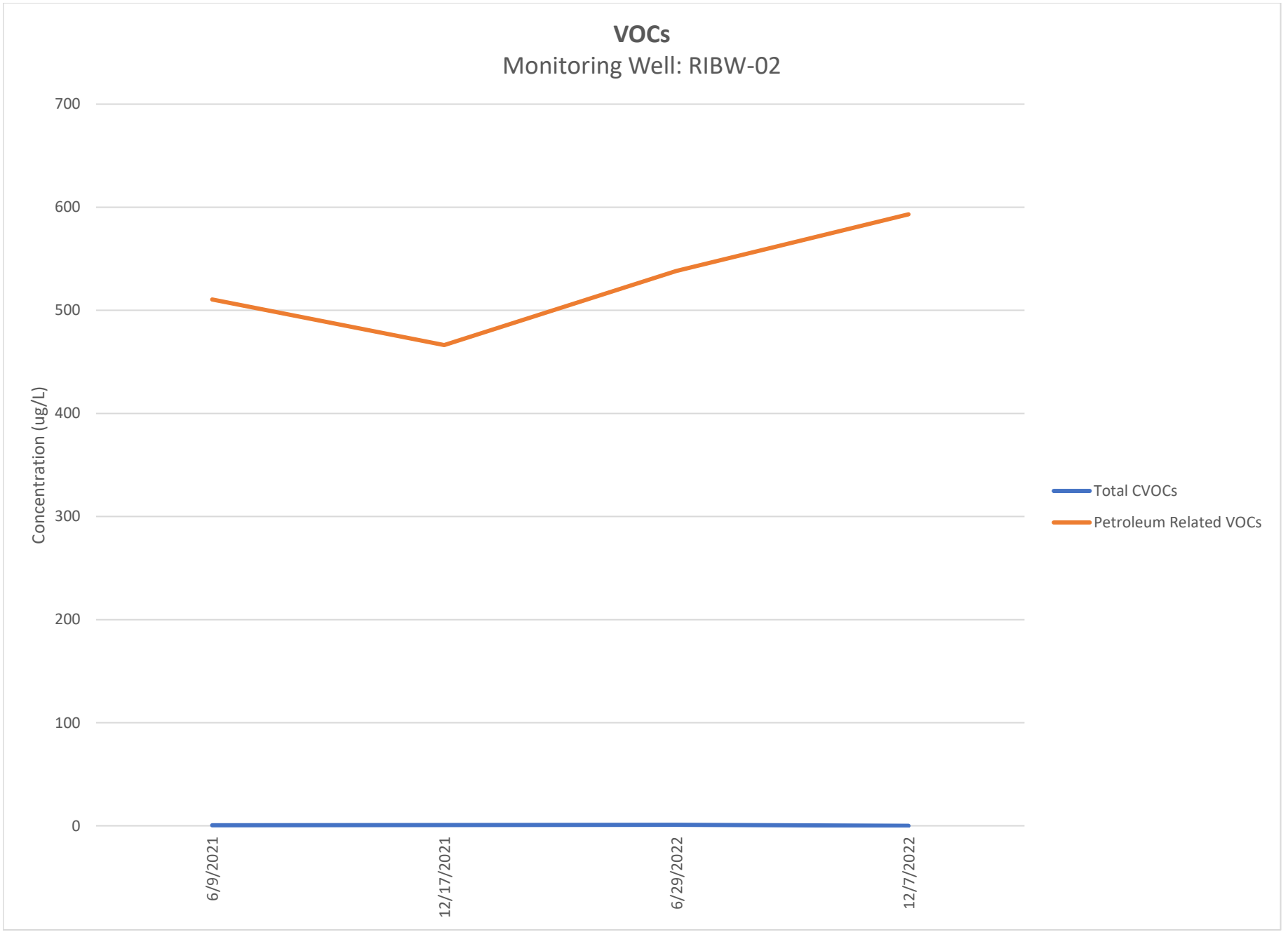
APPENDIX 6

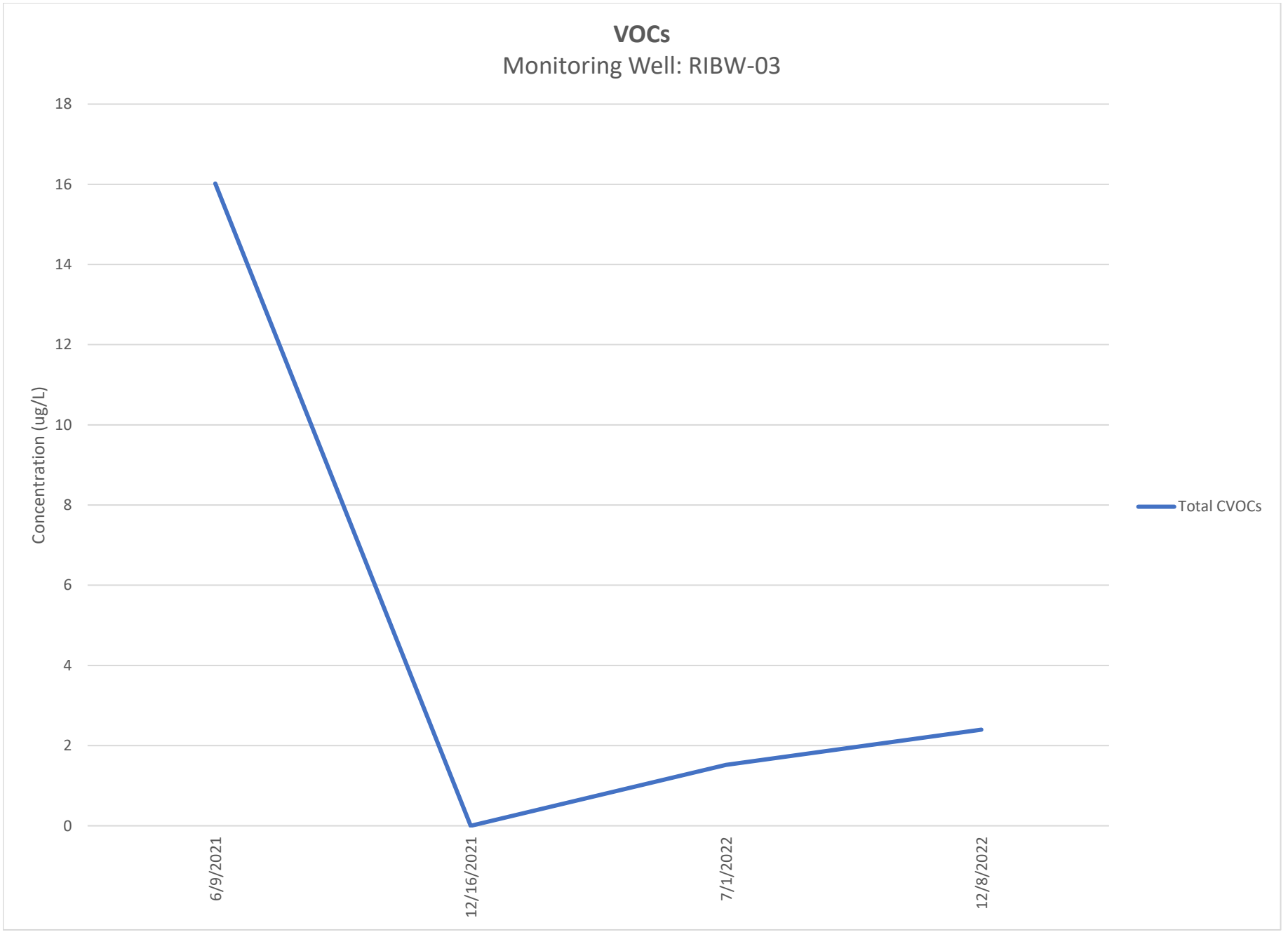
Contaminant Trend Graphs

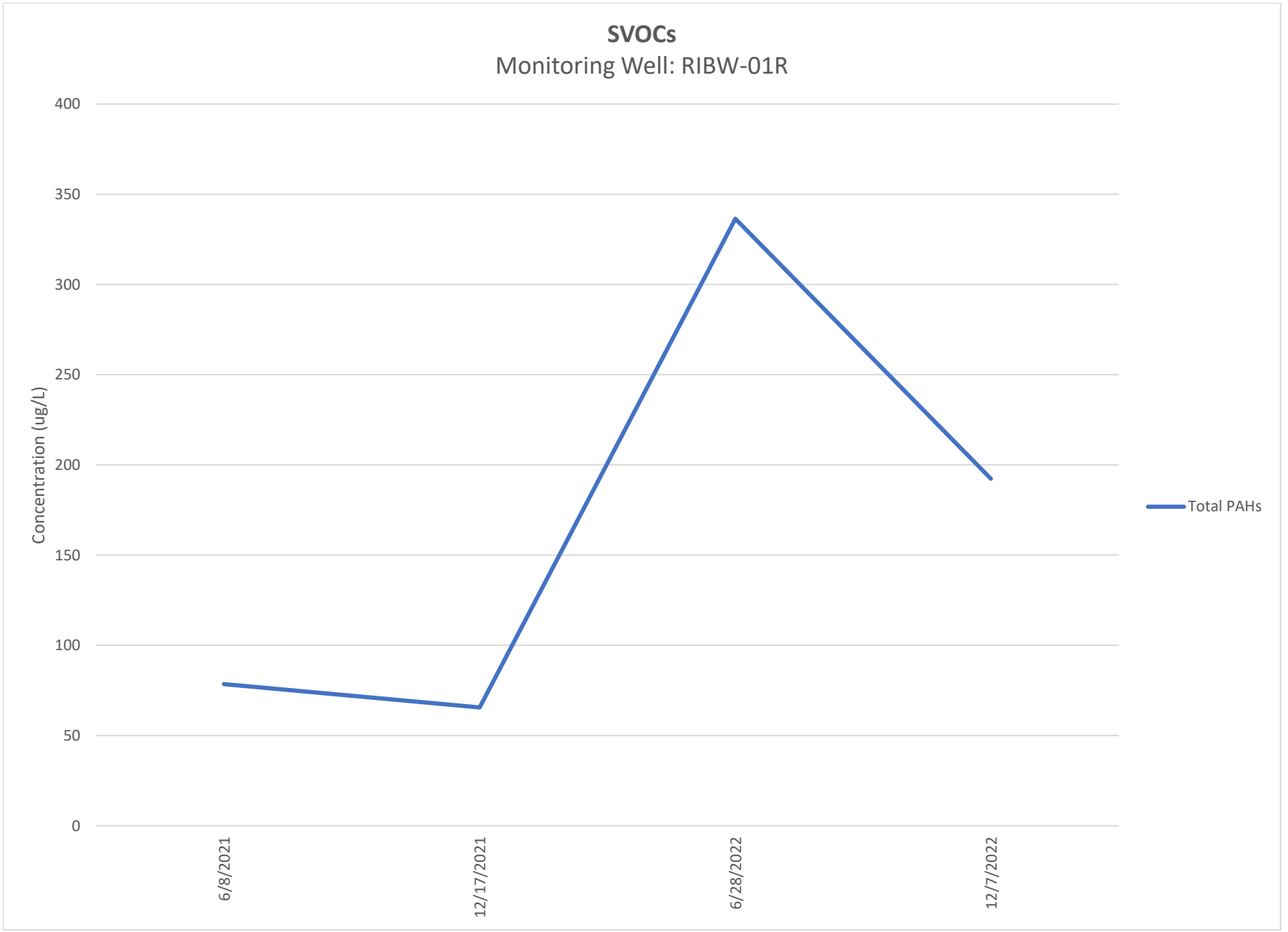

VOCs
Monitoring Well: MW-06R
Concentration (ug/L)
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
6/9/2021
12/17/2021
6/28/2022
12/7/2022
Total CVOCs

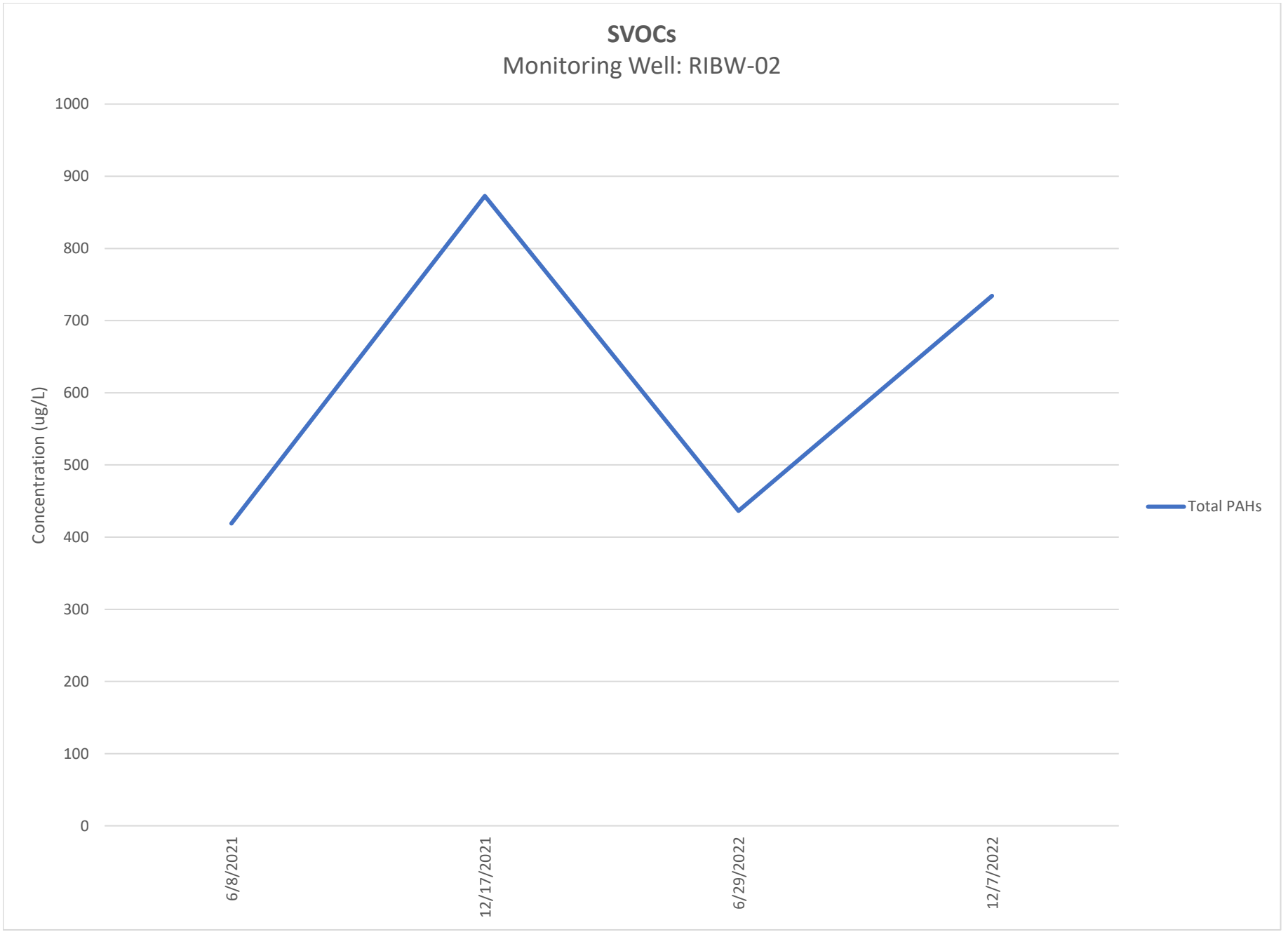

VOCs
Monitoring Well: MW-08R
Concentration (ug/L)
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
6/10/2021
12/16/2021
7/1/2022
12/8/2022
Total CVOCs

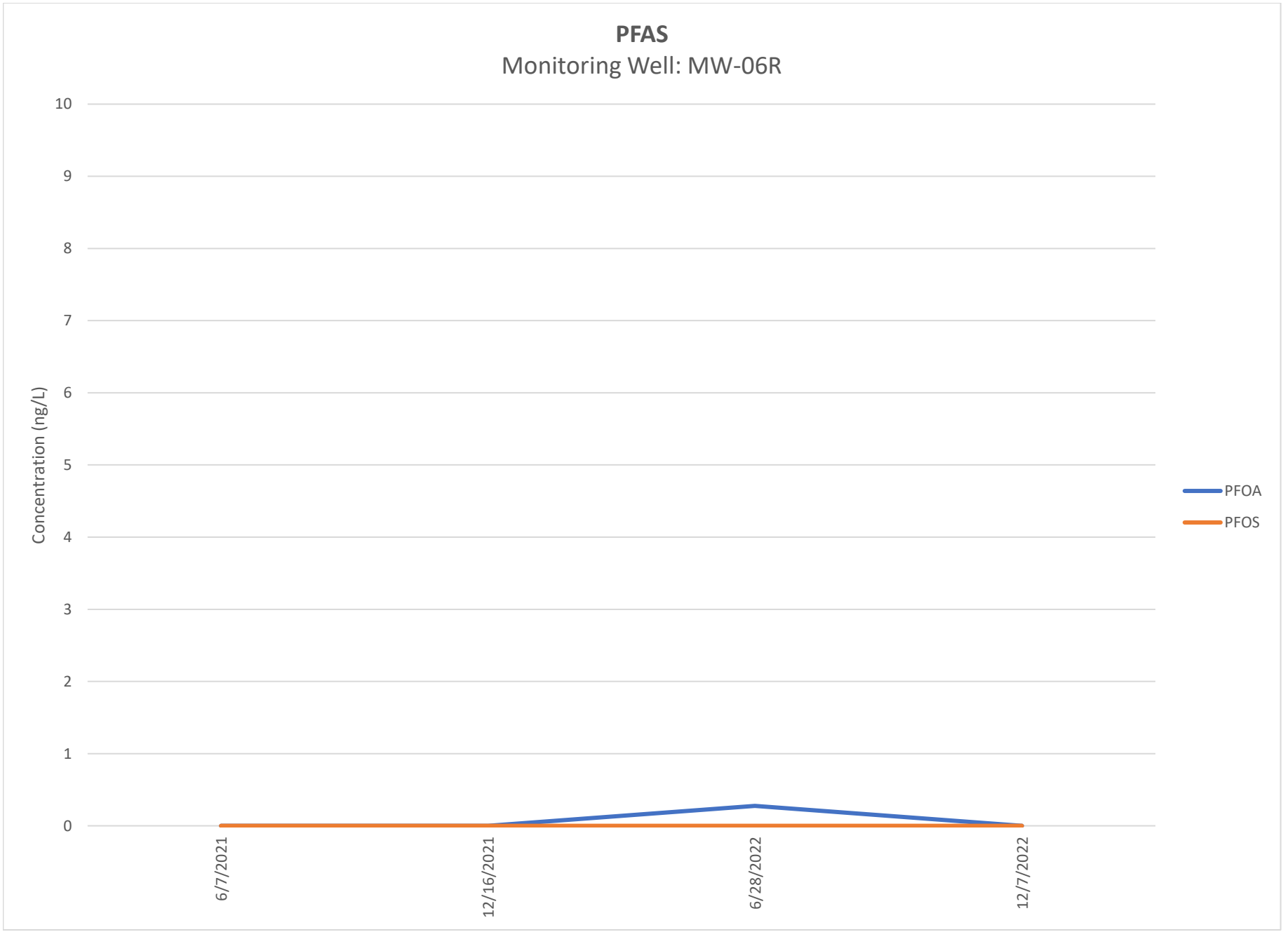

VOCs
Monitoring Well: RIBW-01R
Concentration (ug/L)
200
180
160
140
120
100
80
60
40
20
0
6/8/2021
12/17/2021
6/28/2022
12/7/2022
Total CVOCs
Petroleum Related VOCs

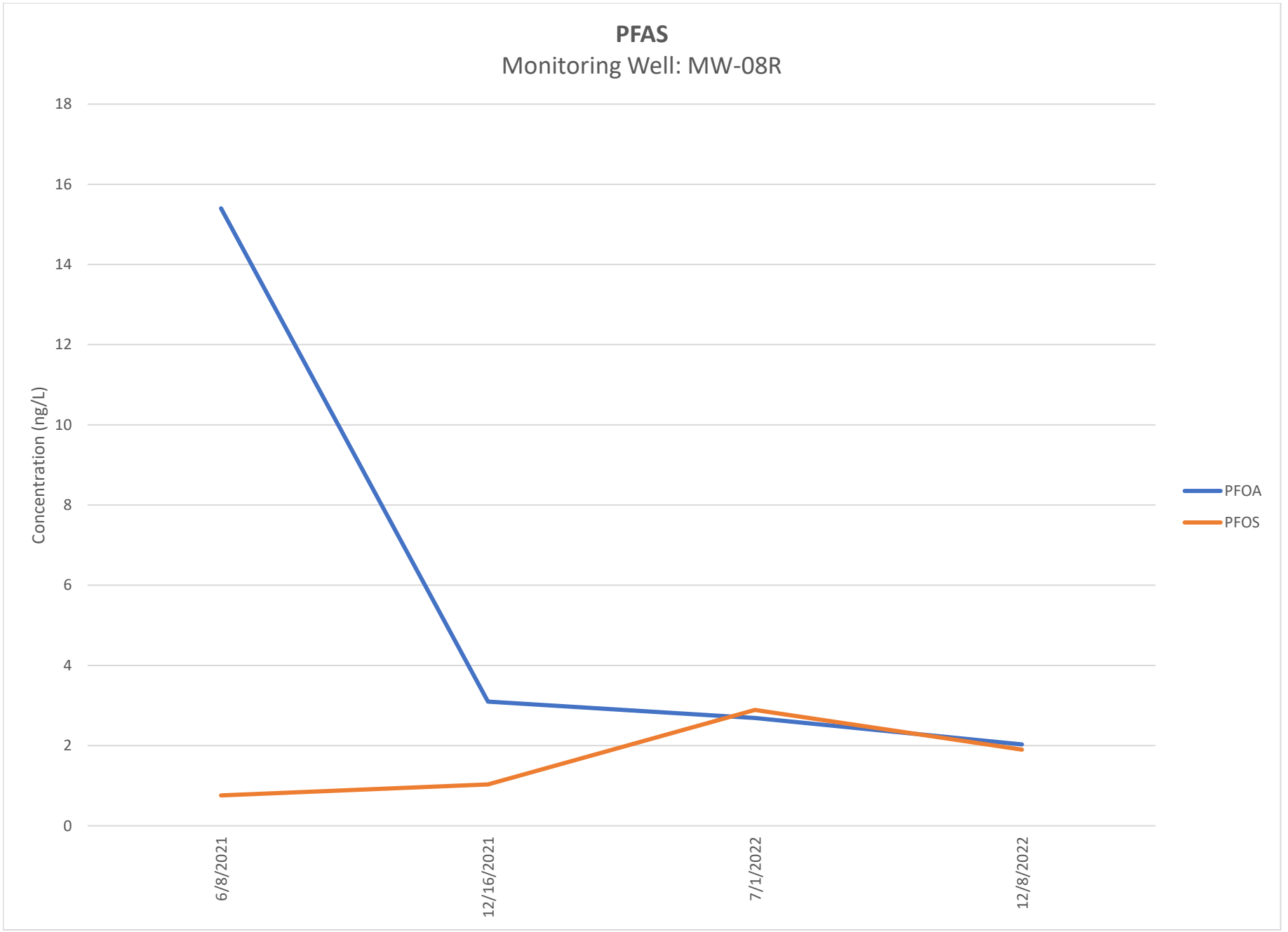

VOCs
Monitoring Well: RIBW-02
700
600
500
400
300
200
100
0
Concentration (ug/L)
6/9/2021
12/17/2021
6/29/2022
12/7/2022
Total CVOCs
Petroleum Related VOCs

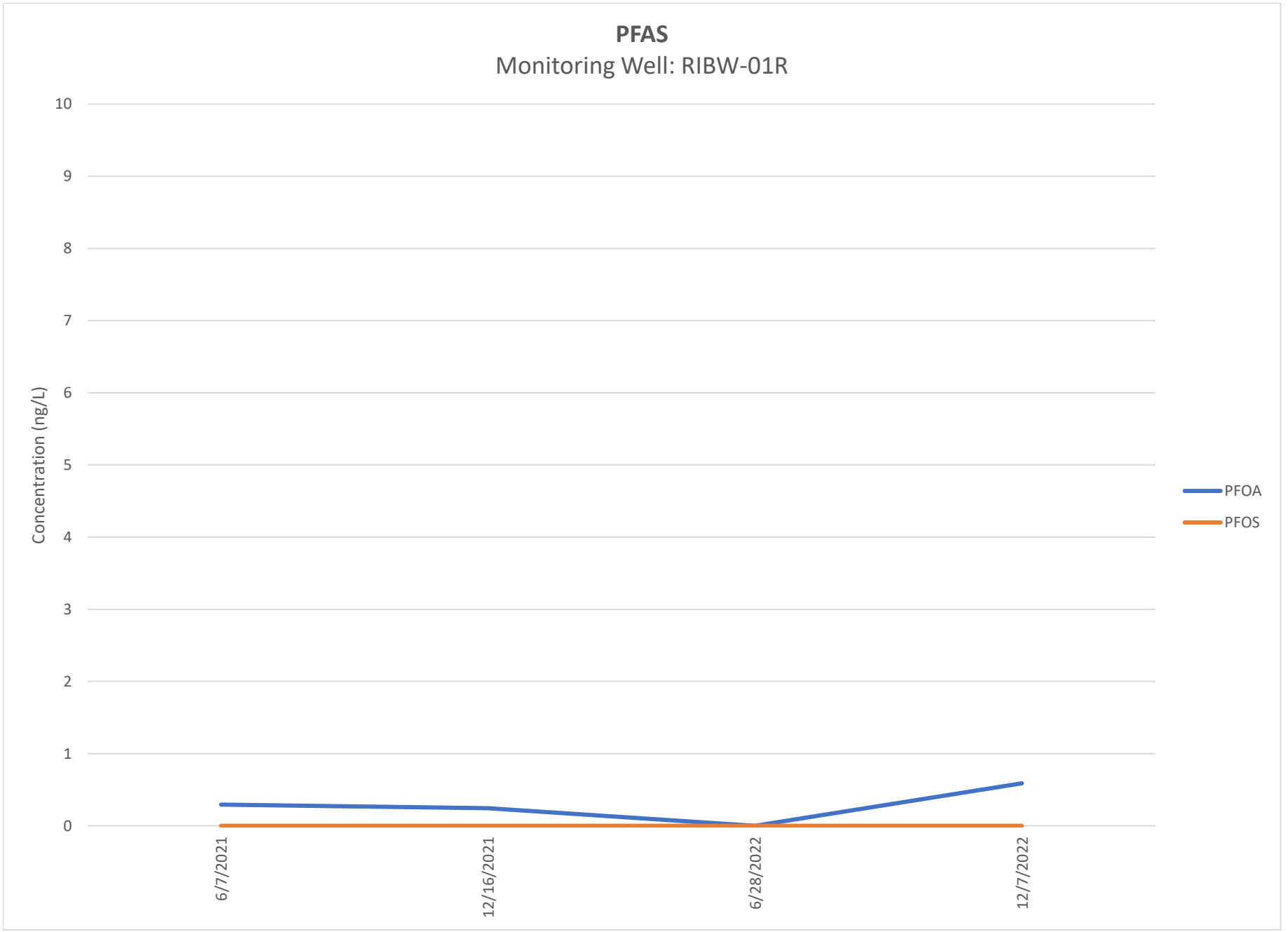

VOCs
Monitoring Well: RIBW-03
Concentration (ug/L)
18
16
14
12
10
8
6
4
2
0
6/9/2021
12/16/2021
7/1/2022
12/8/2022
Total CVOCs

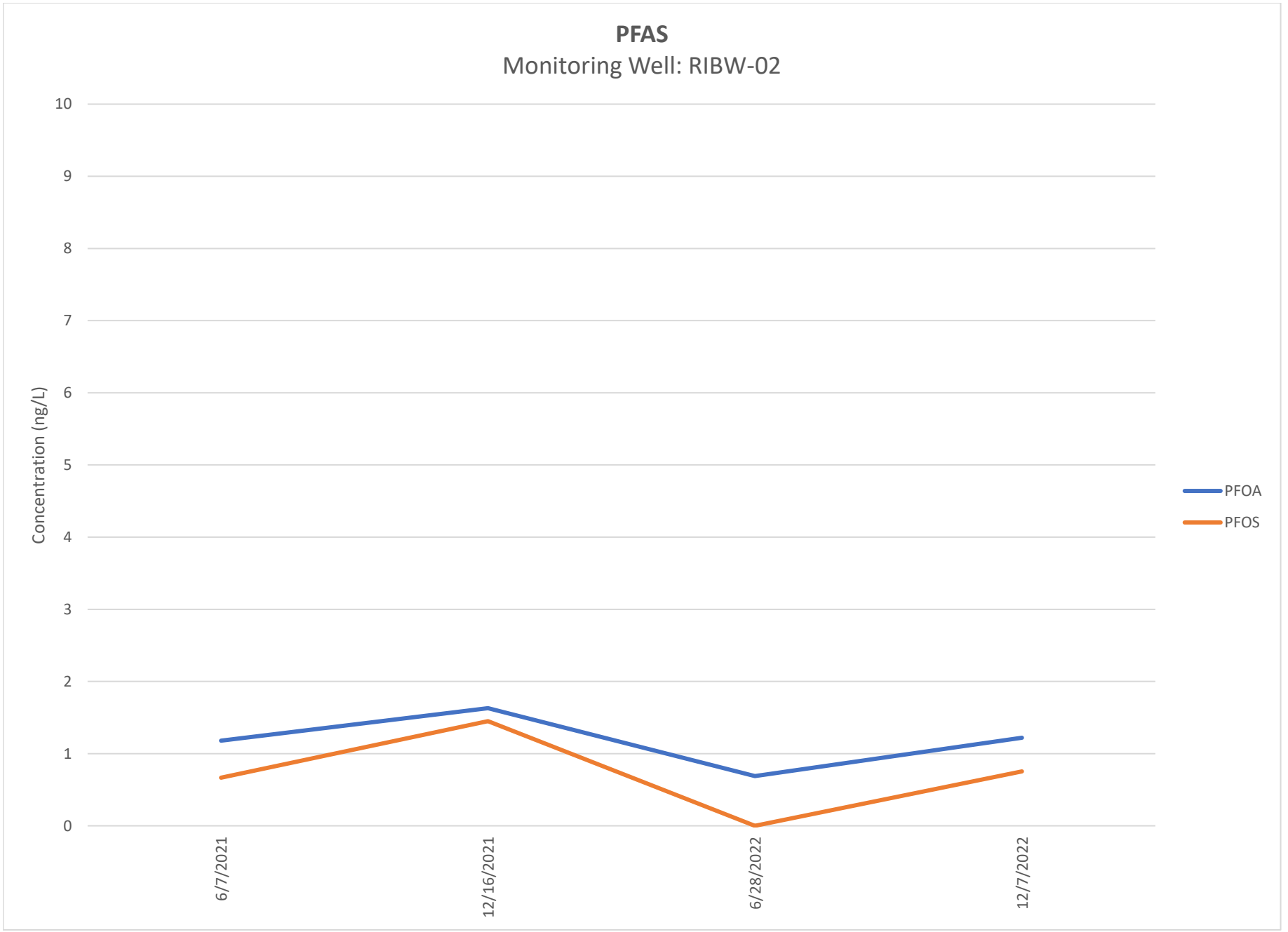

SVOCs
Monitoring Well: RIBW-01R
Concentration (ug/L)
400
350
300
250
200
150
100
50
0
6/8/2021
12/17/2021
6/28/2022
12/7/2022
Total PAHs

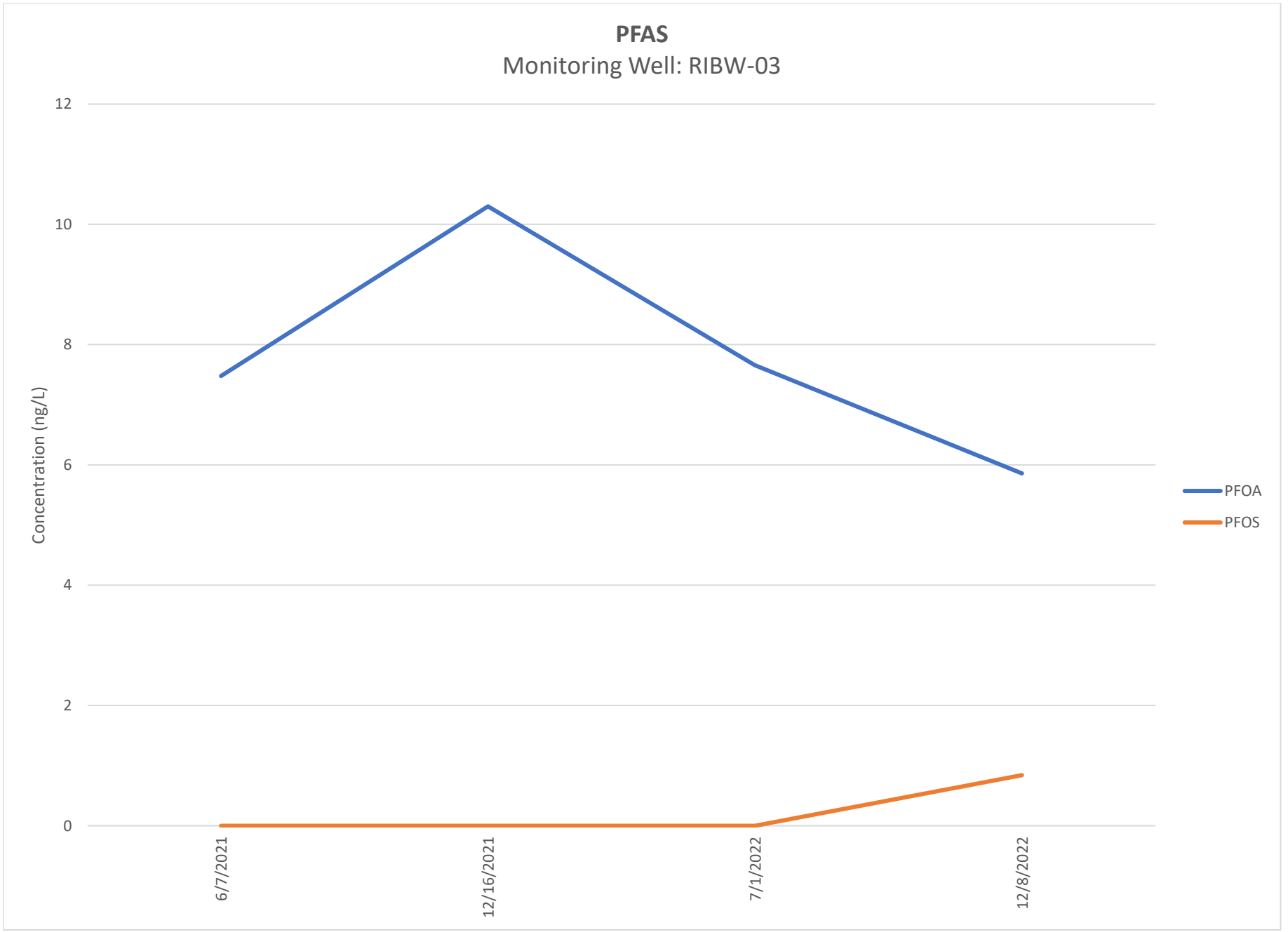

SVOCs
Monitoring Well: RIBW-02
Concentration (ug/L)
1000
900
800
700
600
500
400
300
200
100
0
6/8/2021
12/17/2021
6/29/2022
12/7/2022
Total PAHs


PFAS
Monitoring Well: MW-06R
Concentration (ng/L)
10
9
8
7
6
5
4
3
2
1
0
6/7/2021
12/16/2021
6/28/2022
12/7/2022
PFOA
PFOS


PFAS
Monitoring Well: MW-08R
Concentration (ng/L)
18
16
14
12
10
8
6
4
2
0
6/8/2021
12/16/2021
7/1/2022
12/8/2022
PFOA
PFOS


PFAS
Monitoring Well: RIBW-01R
Concentration (ng/L)
10
9
8
7
6
5
4
3
2
1
0
6/7/2021
12/16/2021
6/28/2022
12/7/2022
PFOA
PFOS


PFAS
Monitoring Well: RIBW-02
Concentration (ng/L)
10
9
8
7
6
5
4
3
2
1
0
6/7/2021
12/16/2021
6/28/2022
12/7/2022
PFOA
PFOS


PFAS
Monitoring Well: RIBW-03
12
10
8
6
4
2
0
Concentration (ng/L)
6/7/2021
12/16/2021
7/1/2022
12/8/2022
PFOA
PFOS