NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 8
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July 25, 2022

Highland Grove LLC
Steven DiMarzo
301 Exchange Boulevard
Rochester, New York 14608

Re: Site Management (SM) Periodic Review Report (PRR) Response Letter
Former Sherwood Shoe Company
Site No.: C828201
City of Rochester, Monroe (C)

Dear Mr. DiMarzo:

The Department has completed a reviewed the Site's Periodic Review Report (PRR) and IC/EC Certification for following period: December 30, 2020 to April 30, 2022.

The Department hereby accepts the PRR and associated Certification. The frequency of Periodic Review for this Site is 1 year. The Site's next PRR is due on May 30, 2023. You will receive a courtesy reminder letter and updated certification form 75-days prior to the PRR due date. Regardless of receipt or not, of the courtesy reminder notice, the next PRR including the signed certification form, is due on the date specified above.

If you have any questions or concerns or need further assistance with the Site, please feel free to contact me at 585-226-5354 or via e-mail at charlotte.theobald@dec.ny.gov.

Sincerely,

Charlotte B. Theobald

Charlotte Theobald
Project Manager

ec:
Dan Noll (Labella)
Alexander Brett (Labella)
Justin Deming (NYSDOH)
Daniel Tucholski (NYSDOH)
David Pratt (NYSDEC)
Todd Caffoe (NYSDEC)

Periodic Review Report
NYSDEC BCP Site #C828201
Reporting Period: December 30, 2020 to April 30, 2022

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, 2022

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300 State Street, Suite 201 | Rochester, NY 14614 | p 585-454-6110 | f 585-454-3066

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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 all 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 December 30, 2020 to April 30, 2022 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 8, 2021 and December 16, 2021, using either an oil-water interface probe or dedicated HDPE bailers. 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 8 to June 9, 2021, and December 16 to December 17, 2021, using a combination of grab samples and low flow sampling techniques. As described in the SMP, PFAS samples were collected utilizing dedicated HDPE bailers prior to low flow sampling for

other parameters to avoid the potential for any cross contamination. PFAS samples were collected in accordance with the *NYSDEC Guidelines for Sampling and Analysis of Per- and Polyfluoroalkyl Substances* dated June 2021. Low flow sampling methodology in accordance with the SMP was utilized for the collection of VOC and SVOC groundwater samples. 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)

MW-02R

Monitoring well MW-02R was found to be dry during both semi-annual groundwater monitoring events in 2021. 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.

MW-04R

Monitoring well MW-04R was found to be dry during both semi-annual groundwater monitoring events in 2021. No groundwater was able to be collected and sampled for VOCs from the monitoring well in each of the attempts made. Note that monitoring well MW-04R was installed down to refusal on or near bedrock and that groundwater samples for VOCs, SVOCs and PFAS were able to be collected from bedrock well RIBW-01R located in the immediate vicinity of the overburden well.

MW-06R

VOCs

Vinyl chloride was detected in overburden monitoring well MW-06R in June of 2021 at a concentration below the NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guideline Values (TOGS 1.1.1 Groundwater Standards) for the contaminant. Vinyl chloride was not detected in the sample collected in December 2021. No other VOCs were detected in the samples.

PFAS

Several PFAS were detected in groundwater samples from June and December 2021 with total PFAS concentrations of 57.54 parts per trillion (ppt) and 66.91 ppt, respectively. PFOA and PFOS were not detected in either of the samples and there are currently no regulatory standards for other PFAS.

MW-08R

VOCs

Trichloroethene (TCE) was detected in the June groundwater sample collected from overburden well MW-08R at a concentration below TOGS 1.1.1 Groundwater Standards. TCE was not detected in the December groundwater sample. In addition, methylene chloride was detected in the December groundwater sample; however, the concentration remained below applicable standards. Other VOCs detected in the samples were also below applicable standards.

PFAS

Several PFAS were detected in groundwater samples from June and December 2021 with total PFAS concentrations of 126.02 ppt and 48.18 ppt, respectively. PFOS and PFOA were detected in both the June and December samples with the concentration of PFOA detected in June of 15.4 ppt exceeding the NYSDEC PFAS guideline value of 10 ppt.

RIBW-01R

VOCs

CVOCs, including TCE and cis and trans 1,2-dichloroethene (DCE), were detected in samples in groundwater samples collected from bedrock groundwater monitoring well RIBW-01R in both June and December exceeding TOGS 1.1.1 Groundwater standards. The June groundwater sample also detected low levels of tetrachloroethene (PCE) and vinyl chloride at concentrations below groundwater standards. Benzene was also detected in the samples above TOGS 1.1.1 Groundwater standards. Other petroleum related compounds were also detected, but at levels below the applicable groundwater standards.

SVOCs

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

PFAS

Several PFAS were detected in groundwater samples from June and December 2021 with total PFAS concentrations of 33.69 ppt and 10.64 ppt, respectively. PFOS was not detected in the samples and PFOA was detected at levels below the NYSDEC Guideline value of 10 ppt.

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 0.62 parts per billion (ppb) and 0.71 ppb, respectively, which remain below the TOGS 1.1.1 Groundwater standard of 5 ppb for TCE. Several of the petroleum related compounds (e.g. benzene, toluene, ethylbenzene, xylene, naphthalene, etc.) were detected in each sample exceeding the TOGS 1.1.1 Groundwater Standards.

SVOCs

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

PFAS

Several PFAS were detected in groundwater samples from June and December 2021 with total PFAS concentrations of 19.99 ppt and 21.83 ppt, respectively. PFOS and PFOA were both detected at relatively low levels that remain below the NYSDEC Guideline values of 10 ppt.

RIBW-03

VOCs

CVOCs were detected in the June 2021 groundwater sample from bedrock monitoring well RIBW-03. Specifically, TCE, cis-1,2-DCE and vinyl chloride were each detected in the sample. The concentrations of TCE and vinyl chloride were below the TOGS 1.1.1 Groundwater standards; however, the concentration of cis-1,2-DCE was detected at a concentration of 14 ppb which exceeds the TOGS 1.1.1 Groundwater standard for cis-1,2-DCE of 5 ppb. No VOCs were detected above the laboratory MDLs in the December 2021 sample.

PFAS

Several PFAS were detected in groundwater samples from June and December 2021 with total PFAS concentrations of 1,281.42 ppt and 1,248.82 ppt, respectively. PFOS and PFOA were detected in both the June and December samples with the concentration of PFOA detected in June of 10.3 ppt exceeding the NYSDEC PFAS guideline value of 10 ppt.

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, 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.

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.

Table A below outlines the total concentrations of VOCs detected in the groundwater samples collected in 2018 during the RI and the two (2) 2021 sampling events. Total concentrations of VOCs have decreased between the 2018 sampling event and the 2021 sampling events.

Monitoring Wells Names	Table A. Total Concentration of VOCs detected in Groundwater Samples		
	RI 2018 Sampling	June 8, 2021	December 17, 2021
RIBW-01*/RIBW-01R	113.2	40.48 to 40.6	49.6 to 52.3
RIBW-02	526.57	513.08	469.2
RIBW-03	30.98 to 32.67	16.02	ND

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.

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.

Table B below outlines the total concentrations of SVOCs detected in the groundwater samples collected in 2018 during the RI and the two (2) 2021 sampling events. Total SVOC concentrations increased from 2018 to 2021 in the RIBW-01 location while concentrations in RIBW-02 initial had decreased in June of 2021 and then increased in December 2021 to slightly above total SVOCs detected in the 2018 groundwater sampling event.

Monitoring Wells Names	Table B. Total Concentration of SVOCs detected in Groundwater Samples		
	RI 2018 Sampling	June 8, 2021	December 17, 2021
RIBW-01*/RIBW-01R	ND	102.64 to 104.39	73.04 to 87.22
RIBW-02	1116.4	685.87	1169.7

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 NYSDEC Sampling and Analysis of Per- and Polyfuorinated guideline value in well MW-06. PFOA and PFOS were not detected in any other wells exceeding 10 ppt.

Post COC 2021 Sampling
PFOA was detected exceeding the NYSDEC Sampling and Analysis of Per-and Polyfluorinated guideline value in wells MW-08R and RIBW-03. 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 RIBW-03 and MW-08/MW-08R since 2018 but have significantly declined in well MW-06/MW-06R.

Monitoring Wells Names	Table C. Total Concentration of PFOA/PFOS detected in Groundwater Samples		
	RI 2018 Sampling	June 8, 2021	December 17, 2021
RIBW-03	9.2	7.48	10.3
MW-08*/MW-08R	2.4 – 2.7	16.2	4.13
MW-06*/MW-06R	83	ND	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 16, 2021, 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 20, 2021, 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 0.05-inches of water column ("wc) and the manometer for the West System indicated a pressure of approximately 0.075-"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 wells MW-02R and MW-04R; however, no groundwater was present during attempts. As a result, samples were not collected and submitted from these wells. 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

recommendations for change of 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

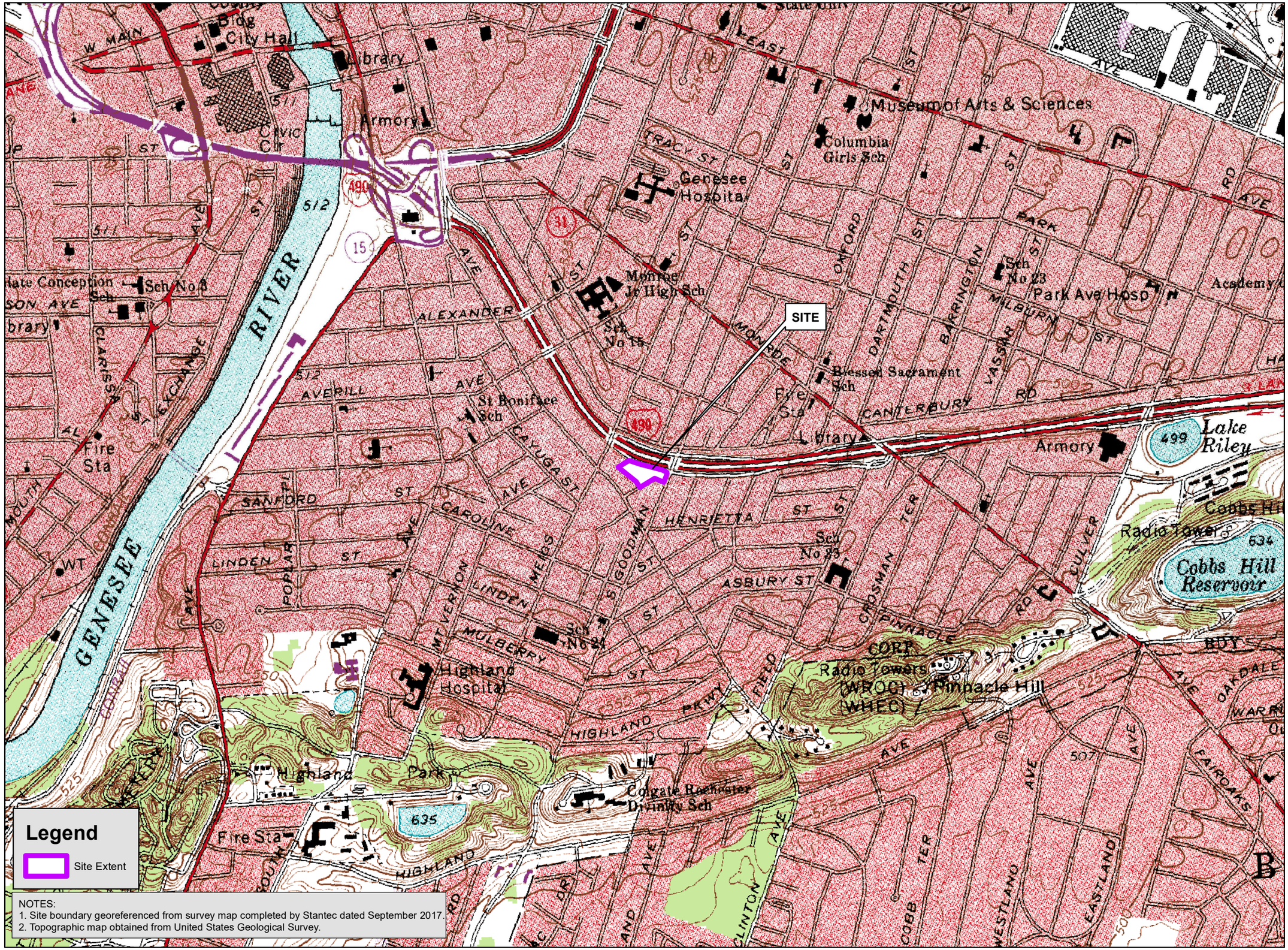
Since residual contamination remains at the Site, applicable Site management requirements should be continued as scheduled.

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 June 2022.

FIGURES



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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

Legend

- RI Bedrock Well
- RI Overburden Monitoring Well
- Site Boundary

NOTES:
1. Site boundary georeferenced from survey map completed by Stantec dated September 2017.
2. Aerial image was obtained from Pictometry and may not represent current Site features.
3. Testing locations were identified using an EOS Arrow Gold GPS Unit capable of 1 cm horizontal accuracy.

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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

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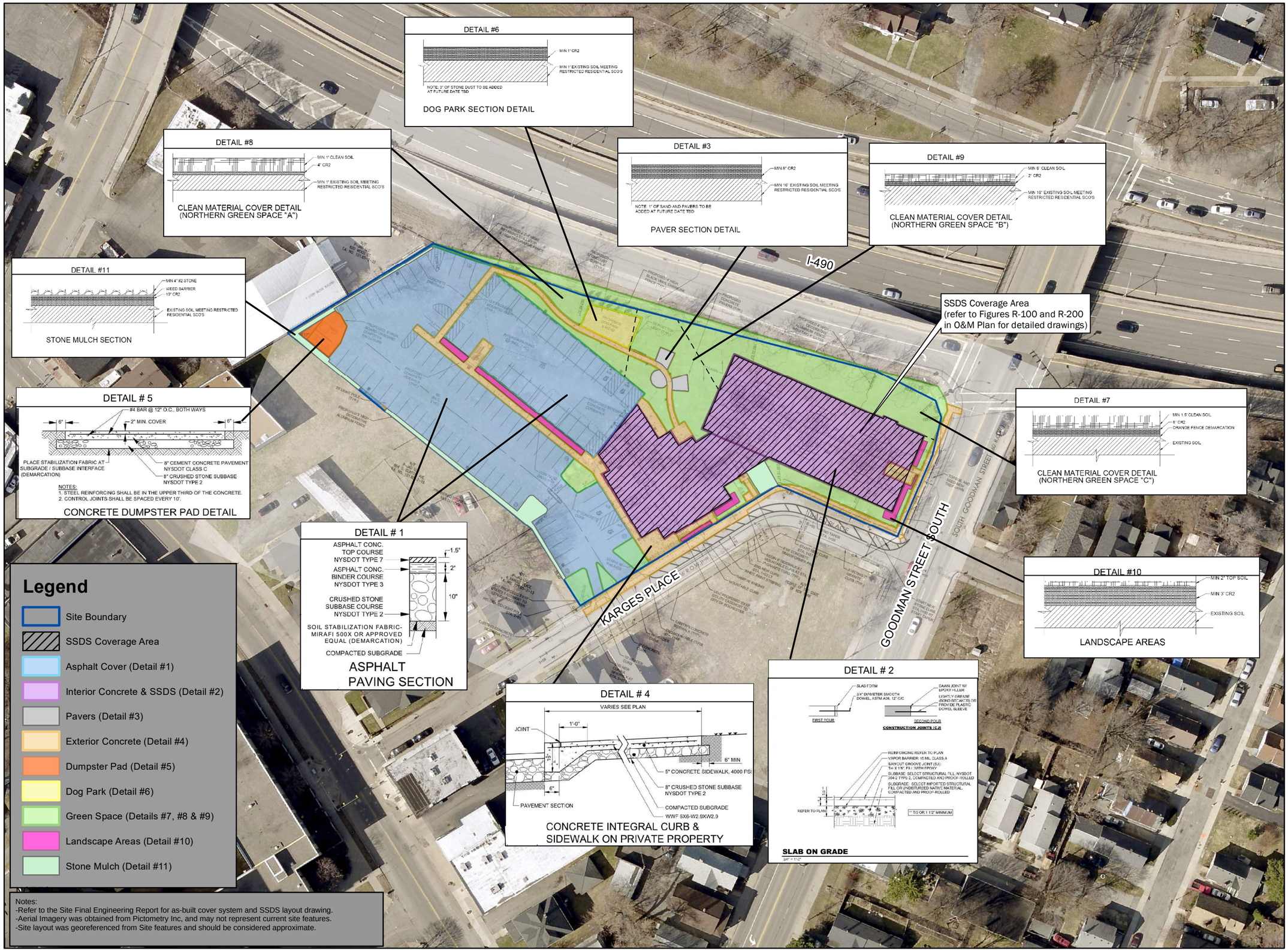

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CLIENT:

HIGHLAND GROVE LLC

PROJECT:

PERIODIC REVIEW REPORT

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

NYSDEC BCP #C828201

DRAWING NAME:

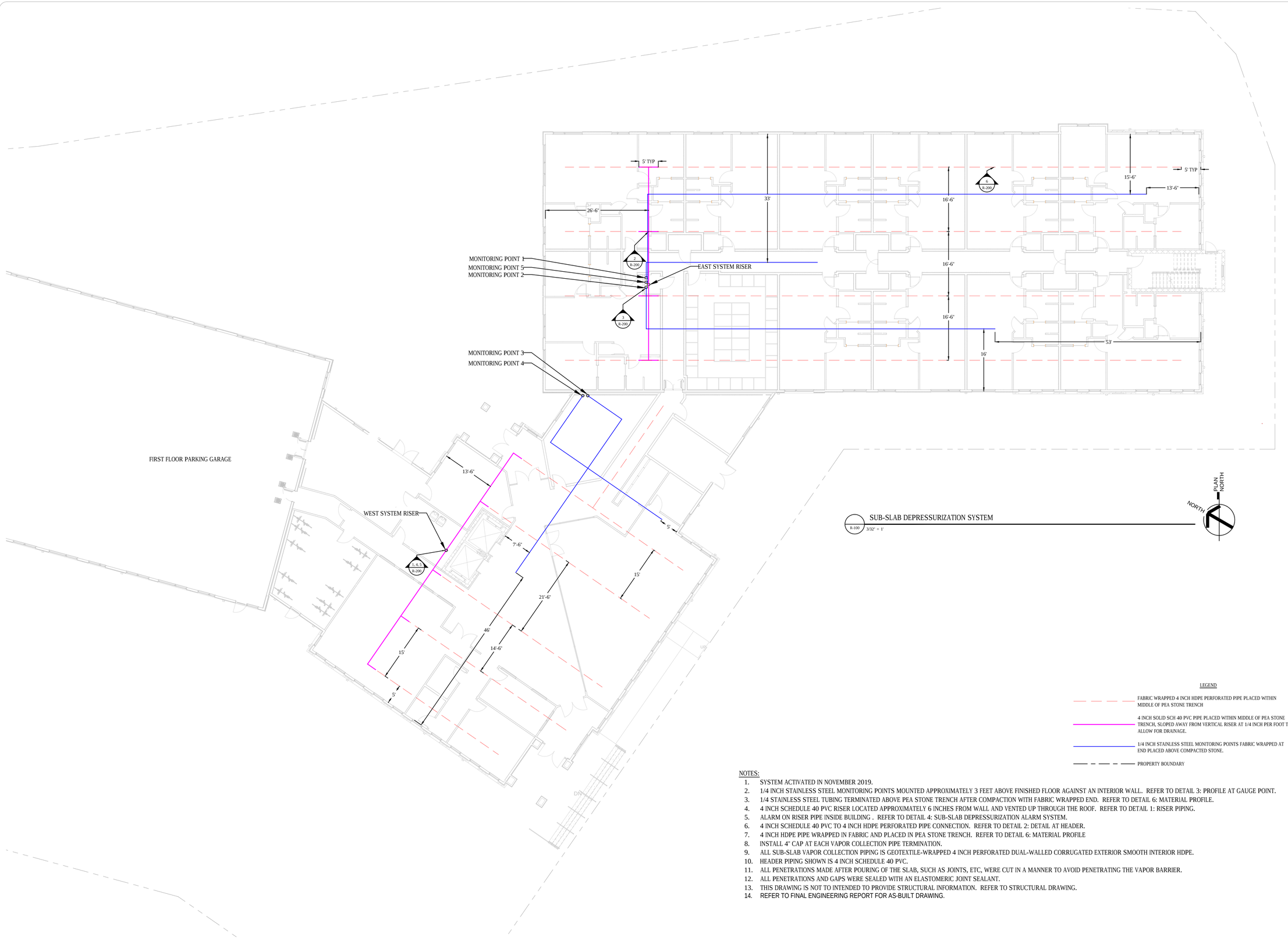
ENGINEERING CONTROLS

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



SUB-SLAB DEPRESSURIZATION SYSTEM

R-100 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

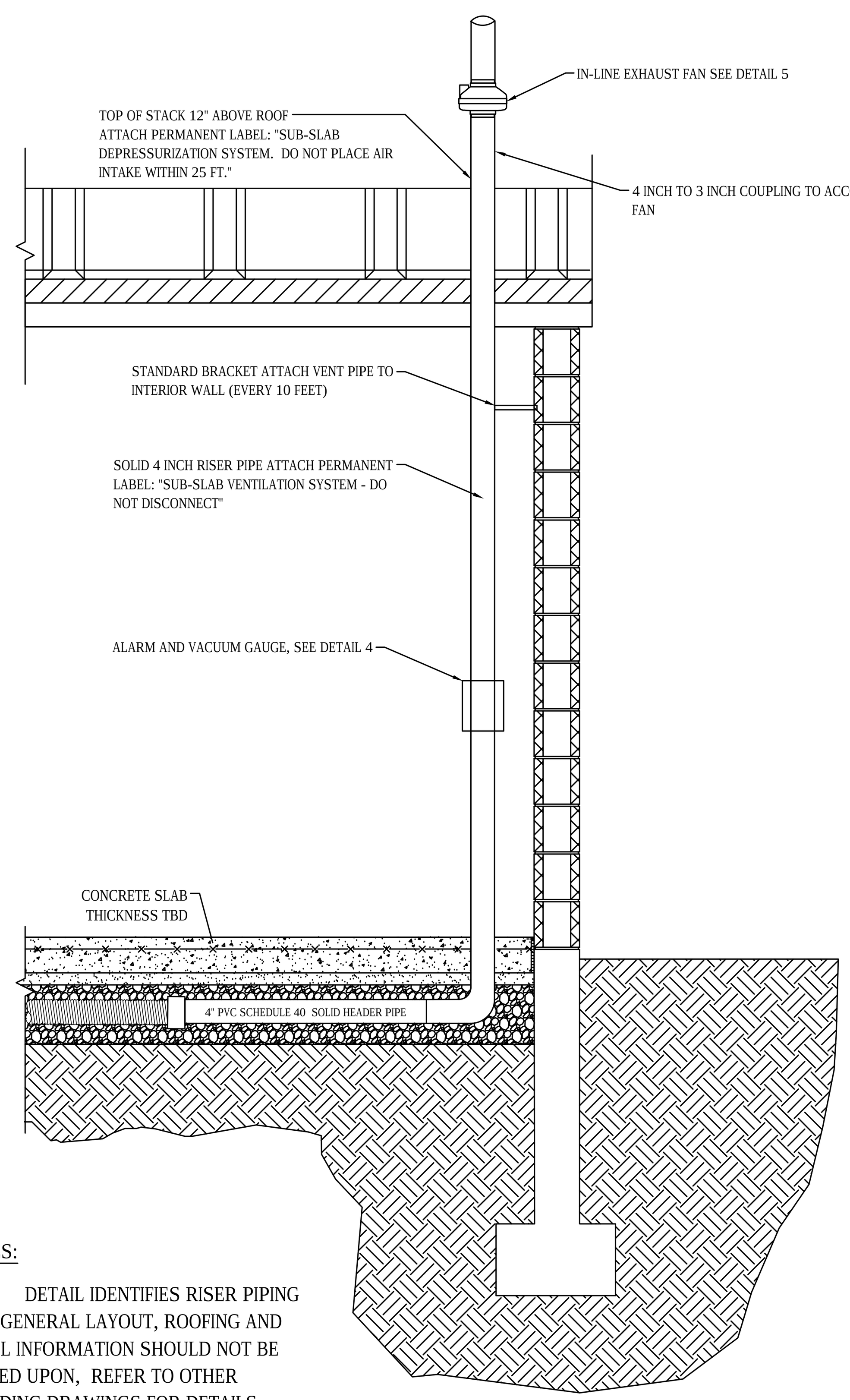
DESIGNED BY: AA
DRAWN BY: DRP
REVIEWED BY: AA
SCALE: 3/32" = 1'

DATE: 12-3-2018

PROJECT/DRAWING NUMBER

2172056

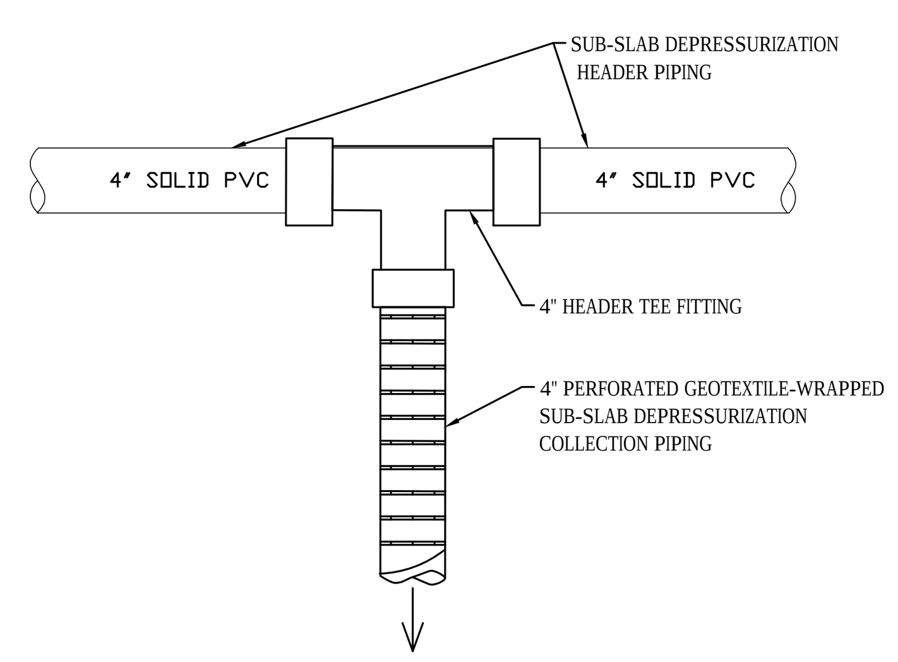
FIG 4A



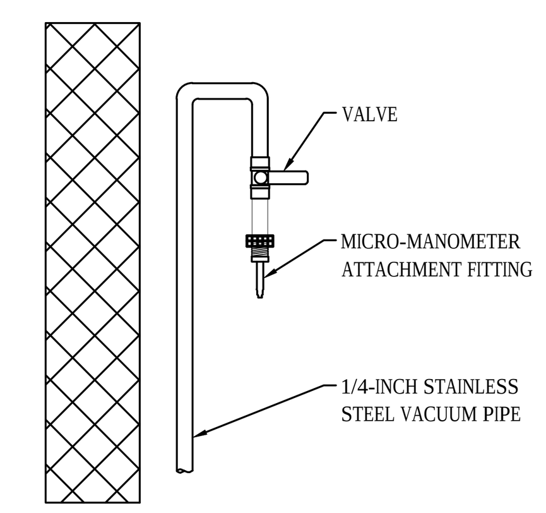
NOTES:

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

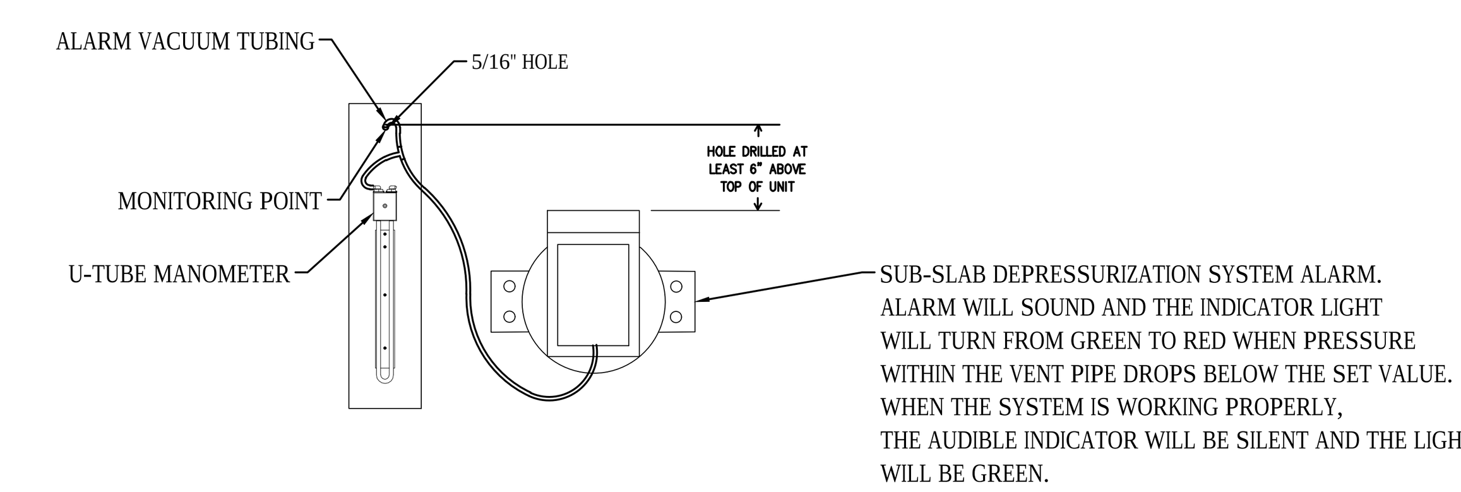
1 RISER PIPING
SCALE: NONE



2 DETAIL AT HEADER
SCALE: NONE



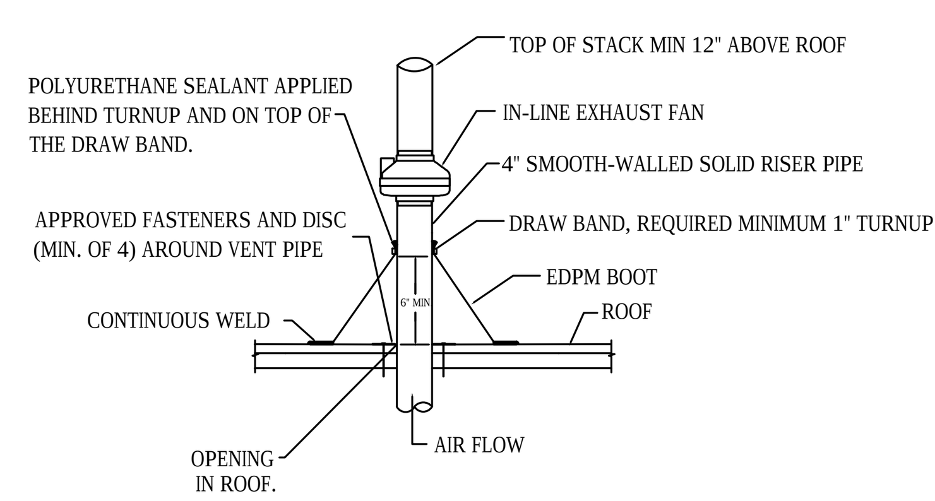
3 PROFILE AT GAUGE POINT
SCALE: NONE



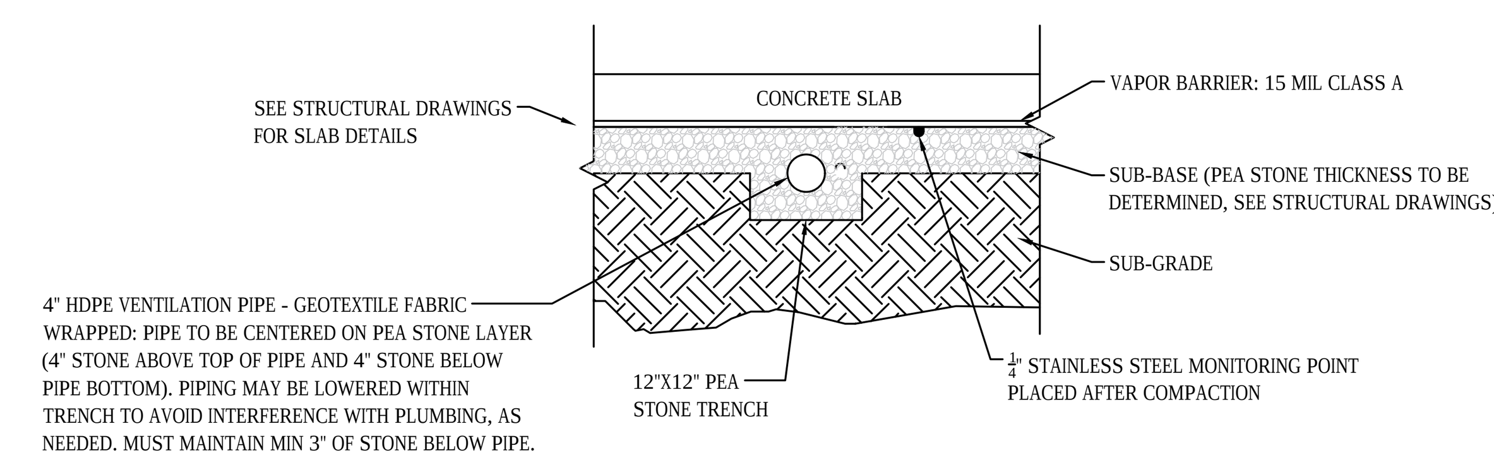
NOTES:

1. ALARM INSTALLED ON SEPARATE CIRCUIT FROM VENT FAN.

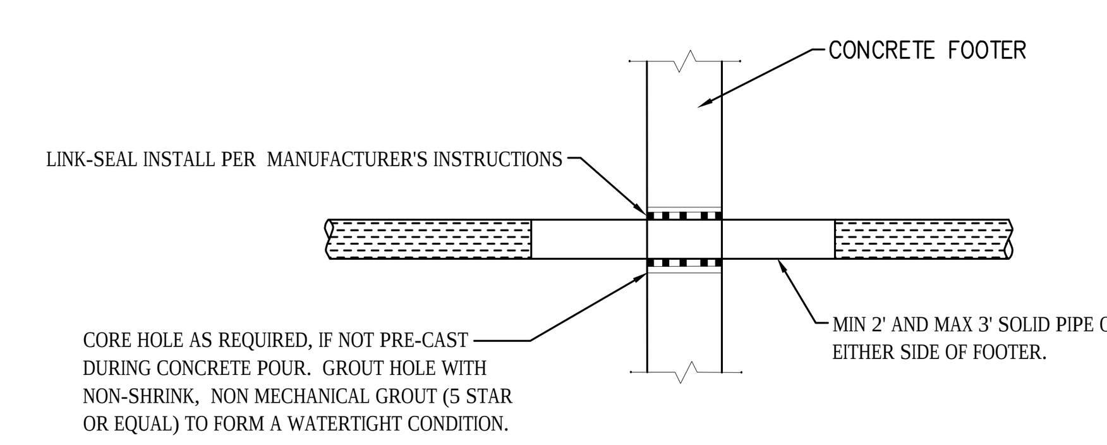
4 SUB-SLAB DEPRESSURIZATION SYSTEM ALARM
SCALE: NONE



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

PROJECT/DRAWING NUMBER
2172056

FIG 4B

TABLES

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

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

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

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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 5)
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)	
COLLECTION DATE:		6/8/2021		6/8/2021		12/17/2021		12/17/2021	
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	<0.7	U	<0.82	U	<0.82	U
1,1,2,2-Tetrachloroethane	5	<0.17	U	<0.17	U	<0.21	U	<0.21	U
1,1,2-Trichloroethane	1	<0.5	U	<0.5	U	<0.23	U	<0.23	U
1,1-Dichloroethane	5	<0.7	U	<0.7	U	<0.38	U	<0.38	U
1,1-Dichloroethene	5	<0.17	U	<0.17	U	<0.29	U	<0.29	U
1,2,4-Trichlorobenzene	5	<0.7	U	<0.7	U	<0.41	U	<0.41	U
1,2,4-Trimethylbenzene	5	<0.7	U	<0.7	U	<0.75	U	<0.75	U
1,2-Dibromo-3-chloropropane	0.04	<0.7	U	<0.7	U	<0.39	U	<0.39	U
1,2-Dibromoethane	0.0006	<0.65	U	<0.65	U	<0.73	U	<0.73	U
1,2-Dichlorobenzene	3	<0.7	U	<0.7	U	<0.79	U	<0.79	U
1,2-Dichloroethane	0.6	<0.13	U	<0.13	U	<0.21	U	<0.21	U
1,2-Dichloropropane	1	<0.14	U	<0.14	U	<0.72	U	<0.72	U
1,3,5-Trimethylbenzene	5	<0.7	U	<0.7	U	<0.77	U	<0.77	U
1,3-Dichlorobenzene	3	<0.7	U	<0.7	U	<0.78	U	<0.78	U
1,4-Dichlorobenzene	3	<0.7	U	<0.7	U	<0.84	U	<0.84	U
2-Butanone	50	<1.9	U	<1.9	U	<1.3	U	<1.3	U
2-Hexanone	50	<1	U	<1	U	<1.2	U	<1.2	U
4-Methyl-2-pentanone	NA	<1	U	<1	U	<2.1	U	<2.1	U
Acetone	50	<1.5	U	<1.5	U	<3	U	<3	U
Benzene	1	**2.4**		**2.5**		**1.9**		**2.0**	
Bromodichloromethane	50	<0.19	U	<0.19	U	<0.39	U	<0.39	U
Bromoform	50	<0.65	U	<0.65	U	<0.26	U	<0.26	U
Bromomethane	5	<0.7	U	<0.7	U	<0.69	U	<0.69	U
Carbon disulfide	60	<1	U	<1	U	<0.19	U	<0.19	U
Carbon tetrachloride	5	<0.13	U	<0.13	U	<0.27	U	<0.27	U
Chlorobenzene	5	<0.7	U	<0.7	U	<0.75	U	<0.75	U
Chloroethane	5	<0.7	U	<0.7	U	<0.32	U	<0.32	U
Chloroform	7	<0.7	U	<0.7	U	<0.34	U	<0.34	U
Chloromethane	NA	<0.7	U	<0.7	U	<0.35	U	<0.35	U
cis-1,2-Dichloroethene	5	**5.5**		**5.4**		**8.4**		**8.8**	
cis-1,3-Dichloropropene	0.4	<0.14	U	<0.14	U	<0.36	U	<0.36	U
Cyclohexane	NA	<0.27	U	<0.27	U	<0.18	U	<0.18	U
Dibromochloromethane	50	<0.15	U	<0.15	U	<0.32	U	<0.32	U
Dichlorodifluoromethane	5	<1	U	<1	U	<0.68	U	<0.68	U
Ethylbenzene	5	**3.1**		**3.1**		**3.0**		**3.1**	
Freon-113	5	<0.7	U	<0.7	U	<0.31	U	<0.31	U
Isopropylbenzene	5	<0.7	U	<0.7	U	<0.79	U	<0.79	U
Methyl Acetate	NA	<0.23	U	<0.23	U	<1.3	U	<1.3	U
Methyl cyclohexane	NA	<0.4	U	<0.4	U	<0.16	U	<0.16	U
Methyl tert butyl ether	10	<0.7	U	<0.7	U	<0.16	U	<0.16	U
Methylene chloride	5	<0.7	U	<0.7	U	<0.44	U	<0.44	U
n-Butylbenzene	5	<0.7	U	<0.7	U	<0.64	U	<0.64	U
n-Propylbenzene	5	<0.7	U	<0.7	U	<0.69	U	<0.69	U
Naphthalene	10	**2.9**		**3.1**		**3.1**		**3.3**	
o-Xylene	5	**1.3**	J	**1.4**	J	--		--	
p-Isopropyltoluene	5	<0.7	U	<0.7	U	--		--	
p/m-Xylene	5	**1.2**	J	**1.2**	J	--		--	
sec-Butylbenzene	5	<0.7	U	<0.7	U	<0.75	U	<0.75	U
Styrene	5	<0.7	U	<0.7	U	<0.73	U	<0.73	U
tert-Butylbenzene	5	<0.7	U	<0.7	U	<0.81	U	<0.81	U
Tetrachloroethene	5	**0.79**		**0.84**		<0.36	U	<0.36	U
Toluene	5	<0.7	U	<0.7	U	<0.51	U	<0.51	U
trans-1,2-Dichloroethene	5	**15**		**15**		**22**		**23**	
trans-1,3-Dichloropropene	0.4	<0.16	U	<0.16	U	<0.37	U	<0.37	U
Trichloroethene	5	**7.9**		**7.7**		**9.0**		**9.7**	
Trichlorofluoromethane	5	<0.7	U	<0.7	U	<0.88	U	<0.88	U
Vinyl chloride	2	**0.39**	J	**0.36**	J	<0.9	U	<0.9	U
Total Xylenes	5	--		--		**2.2**		**2.4**	
Total VOCs	NA	**40.48**	-	**40.6**	-	**49.6**	-	**52.3**	-

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.

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"--" indicates the analyte was not analyzed for

ND - not detected

Table 1 (Page 4 of 5)
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	
COLLECTION DATE:		6/9/2021		12/17/2021	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q
Volatile Organic Compounds					
1,1,1-Trichloroethane	5	<1.8	U	<0.82	U
1,1,2,2-Tetrachloroethane	5	<0.42	U	<0.21	U
1,1,2-Trichloroethane	1	<1.2	U	<0.23	U
1,1-Dichloroethane	5	<1.8	U	<0.38	U
1,1-Dichloroethene	5	<0.42	U	<0.29	U
1,2,4-Trichlorobenzene	5	<1.8	U	<0.41	U
1,2,4-Trimethylbenzene	5	**68**		**48**	
1,2-Dibromo-3-chloropropane	0.04	<1.8	U	<0.39	U
1,2-Dibromoethane	0.0006	<1.6	U	<0.73	U
1,2-Dichlorobenzene	3	<1.8	U	<0.79	U
1,2-Dichloroethane	0.6	<0.33	U	<0.21	U
1,2-Dichloropropane	1	<0.34	U	<0.72	U
1,3,5-Trimethylbenzene	5	**12**		**7.6**	
1,3-Dichlorobenzene	3	<1.8	U	<0.78	U
1,4-Dichlorobenzene	3	<1.8	U	<0.84	U
2-Butanone	50	<4.8	U	<1.3	U
2-Hexanone	50	<2.5	U	<1.2	U
4-Methyl-2-pentanone	NA	<2.5	U	<2.1	U
Acetone	50	<3.6	U	<3	U
Benzene	1	**6.2**		**5.7**	
Bromodichloromethane	50	<0.48	U	<0.39	U
Bromoform	50	<1.6	U	<0.26	U
Bromomethane	5	<1.8	U	<0.69	U
Carbon disulfide	60	<2.5	U	**0.22**	
Carbon tetrachloride	5	<0.34	U	<0.27	U
Chlorobenzene	5	<1.8	U	<0.75	U
Chloroethane	5	<1.8	U	<0.32	U
Chloroform	7	<1.8	U	<0.34	U
Chloromethane	NA	<1.8	U	<0.35	U
cis-1,2-Dichloroethene	5	<1.8	U	<0.81	U
cis-1,3-Dichloropropene	0.4	<0.36	U	<0.36	U
Cyclohexane	NA	**0.76**	J	**0.59**	
Dibromochloromethane	50	<0.37	U	<0.32	U
Dichlorodifluoromethane	5	<2.5	U	<0.68	U
Ethylbenzene	5	**43**		**36**	
Freon-113	5	<1.8	U	<0.31	U
Isopropylbenzene	5	**15**		**14**	
Methyl Acetate	NA	<0.58	U	<1.3	U
Methyl cyclohexane	NA	**2.0**	J	**1.2**	
Methyl tert butyl ether	10	<1.8	U	<0.16	U
Methylene chloride	5	<1.8	U	<0.44	U
n-Butylbenzene	5	<1.8	U	**2.0**	
n-Propylbenzene	5	**4.5**	J	**4.2**	
Naphthalene	10	**250**		**260**	
o-Xylene	5	**45**		--	
p-Isopropyltoluene	5	<1.8	U	--	
p/m-Xylene	5	**55**		--	
sec-Butylbenzene	5	<1.8	U	<0.75	U
Styrene	5	<1.8	U	<0.73	U
tert-Butylbenzene	5	<1.8	U	<0.81	U
Tetrachloroethene	5	<0.45	U	<0.36	U
Toluene	5	**11**		**10**	
trans-1,2-Dichloroethene	5	<1.8	U	<0.9	U
trans-1,3-Dichloropropene	0.4	<0.41	U	<0.37	U
Trichloroethene	5	**0.62**	J	**0.71**	
Trichlorofluoromethane	5	<1.8	U	<0.88	U
Vinyl chloride	2	<0.18	U	<0.9	U
Total Xylenes	5	--		**79**	
Total VOCs	NA	**513.08**	-	**469.2**	-

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

Notes:

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

Conc - Concentration

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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)	
COLLECTION DATE:		6/8/2021		6/8/2021		12/17/2021		12/17/2021	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER		GROUNDWATER		GROUNDWATER	
ANALYTE		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
2,3,4,6-Tetrachlorophenol	NA	<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	U	<0.77	U
2,4,6-Trichlorophenol	NA	<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
2,4-Dimethylphenol	50	<1.8	U	<1.8	U	<1.8	U	<1.8	U
2,4-Dinitrophenol	10	<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
2,6-Dinitrotoluene	5	<0.93	U	<0.93	U	<0.93	U	<0.93	U
2-Chlorophenol	NA	<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-Nitroaniline	5	<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
3,3'-Dichlorobenzidine	5	<1.6	U	<1.6	U	<1.6	U	<1.6	U
3-Methylphenol/4-Methylphenol	NA	<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
4,6-Dinitro-o-cresol	NA	<1.8	U	<1.8	U	<1.8	U	<1.8	U
4-Bromophenyl phenyl ether	NA	<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
4-Chlorophenyl phenyl ether	NA	<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
4-Nitrophenol	NA	<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
Atrazine	7.5	<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
Biphenyl	NA	**1.8**	J	**1.7**	J	<0.46	U	<0.46	U
Bis(2-chloroethoxy)methane	5	<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
Bis(2-chloroisopropyl)ether	5	<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
Butyl benzyl phthalate	50	<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
Carbazole	NA	**4.0**		**3.3**		**4.6**		**5.2**	
Di-n-butylphthalate	50	<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
Dibenzofuran	NA	**20**		**18**		**11**		**12**	
Diethyl phthalate	50	<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
Hexachlorocyclopentadiene	5	<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
n-Nitrosodi-n-propylamine	NA	<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
Nitrobenzene	0.4	<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
Phenol	1	<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
2-Methylnaphthalene	NA	**0.03**	J	**0.2**		<0.02	U	<0.02	U
Acenaphthene	20	**32**		**29**		**20**		**21**	
Acenaphthylene	NA	**1.9**		**1.9**		**1.4**		**1.4**	
Anthracene	50	**1.8**		**2.8**		**6**		**2.4**	
Benzo(a)anthracene	0.002	**0.11**		**0.56**		**0.66**		**0.23**	
Benzo(a)pyrene	0	<0.02	U	**0.13**		**0.03**	J	**0.07**	J
Benzo(b)fluoranthene	0.002	<0.01	U	**0.34**		**0.07**	J	**0.11**	
Benzo(ghi)perylene	NA	<0.01	U	**0.09**	J	<0.01	U	**0.12**	
Benzo(k)fluoranthene	0.002	<0.01	U	**0.21**		**0.02**	J	**0.1**	
Chrysene	0.002	**0.05**	J	**0.26**		**0.34**		**0.17**	
Dibenzo(a,h)anthracene	NA	<0.01	U	**0.11**		<0.01	U	**0.12**	
Fluoranthene	50	**3.8**		**4.7**		**7.5**		**3.7**	
Fluorene	50	**25**		**23**		**23**		**18**	
Hexachlorobenzene	0.04	<0.01	U	**1.1**		<0.01	U	<0.01	U
Hexachlorobutadiene	0.5	<0.05	U	0.07	J	<0.05	U	<0.05	U
Hexachloroethane	5	<0.06	U	<0.06	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**	
Naphthalene	10	**1.7**		**1.8**		**1.8**		**2.0**	
Pentachlorophenol	1	<0.01	U	**0.32**	J	<0.01	U	<0.01	U
Phenanthrene	50	**10**		**9.5**		**4.8**		**3.8**	
Pyrene	50	**2.2**		**3.1**		**6.0**		**2.5**	
Total SVOCs	NA	**104.39**	-	**102.64**	-	**87.22**	-	**73.04**	-

Notes:

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Conc - Concentration

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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.

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"--" indicates the analyte was not analyzed for

ND - not detected

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	
COLLECTION DATE:		6/8/2021		12/17/2021	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q
Semivolatile Organic Compounds					
1,2,4,5-Tetrachlorobenzene	5	<0.44	U	<0.44	U
2,3,4,6-Tetrachlorophenol	NA	<0.84	U	<0.84	U
2,4,5-Trichlorophenol	NA	<0.77	U	<0.77	U
2,4,6-Trichlorophenol	NA	<0.61	U	<0.61	U
2,4-Dichlorophenol	1	<0.41	U	<0.41	U
2,4-Dimethylphenol	50	**2**	J	<1.8	U
2,4-Dinitrophenol	10	<6.6	U	<6.6	U
2,4-Dinitrotoluene	5	<1.2	U	<1.2	U
2,6-Dinitrotoluene	5	<0.93	U	<0.93	U
2-Chlorophenol	NA	<0.48	U	<0.48	U
2-Methylphenol	NA	**0.92**	J	<0.49	U
2-Nitroaniline	5	<0.5	U	<0.5	U
2-Nitrophenol	NA	<0.85	U	<0.85	U
3,3'-Dichlorobenzidine	5	<1.6	U	<1.6	U
3-Methylphenol/4-Methylphenol	NA	<0.48	U	<0.48	U
3-Nitroaniline	5	<0.81	U	<0.81	U
4,6-Dinitro-o-cresol	NA	<1.8	U	<1.8	U
4-Bromophenyl phenyl ether	NA	<0.38	U	<0.38	U
4-Chloroaniline	5	<1.1	U	<1.1	U
4-Chlorophenyl phenyl ether	NA	<0.49	U	<0.49	U
4-Nitroaniline	5	<0.8	U	<0.8	U
4-Nitrophenol	NA	<0.67	U	<0.67	U
Acetophenone	NA	<0.53	U	<0.53	U
Atrazine	7.5	<0.76	U	<0.76	U
Benzaldehyde	NA	<0.53	U	<0.53	U
Biphenyl	NA	**57**		**66**	
Bis(2-chloroethoxy)methane	5	<0.5	U	<0.5	U
Bis(2-chloroethyl)ether	1	<0.5	U	<0.5	U
Bis(2-chloroisopropyl)ether	5	<0.53	U	<0.53	U
Bis(2-ethylhexyl)phthalate	5	<1.5	U	<1.5	U
Butyl benzyl phthalate	50	<1.2	U	<1.2	U
Caprolactam	NA	<3.3	U	<3.3	U
Carbazole	NA	**46**		**81**	
Di-n-butylphthalate	50	<0.39	U	<0.39	U
Di-n-octylphthalate	50	<1.3	U	<1.3	U
Dibenzofuran	NA	**110**		**150**	
Diethyl phthalate	50	<0.38	U	<0.38	U
Dimethyl phthalate	50	<1.8	U	<1.8	U
Hexachlorocyclopentadiene	5	<0.69	U	<0.69	U
Isophorone	50	<1.2	U	<1.2	U
n-Nitrosodi-n-propylamine	NA	<0.64	U	<0.64	U
NDPA/DPA	50	<0.42	U	<0.42	U
Nitrobenzene	0.4	<0.77	U	<0.77	U
p-Chloro-m-cresol	NA	<0.35	U	<0.35	U
Phenol	1	<0.57	U	<0.57	U
2-Chloronaphthalene	10	<0.02	U	<0.09	U
2-Methylnaphthalene	NA	**0.88**		**1.3**	
Acenaphthene	20	**140**		**220**	
Acenaphthylene	NA	**8.9**		**8.3**	
Anthracene	50	**4.9**		**36**	
Benzo(a)anthracene	0.002	**0.49**		**5.6**	
Benzo(a)pyrene	0	**0.19**		**2.5**	
Benzo(b)fluoranthene	0.002	**0.21**		**2.7**	
Benzo(ghi)perylene	NA	**0.06**	J	**0.94**	
Benzo(k)fluoranthene	0.002	**0.1**		**0.98**	
Chrysene	0.002	**0.33**		**3.9**	
Dibenzo(a,h)anthracene	NA	**0.02**	J	**0.28**	J
Fluoranthene	50	**5.5**		**41**	
Fluorene	50	**93**		**220**	
Hexachlorobenzene	0.04	<0.01	U	<0.05	U
Hexachlorobutadiene	0.5	<0.05	U	<0.23	U
Hexachloroethane	5	<0.06	U	<0.32	U
Indeno(1,2,3-cd)pyrene	0.002	**0.07**	J	**1.2**	
Naphthalene	10	**96**		**130**	
Pentachlorophenol	1	<0.01	U	<0.07	U
Phenanthrene	50	**65**		**170**	
Pyrene	50	**3.3**		**28**	
Total SVOCs	NA	**685.87**	-	**1169.7**	-

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 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 Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) Guidance Values	MW-06R-6.7.21		MW-06R-121621	
COLLECTION DATE:		6/7/2021		12/16/2021	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q
PFAS					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NA	<1.2	U	<1.16	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NA	<1.32	U	<1.27	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	<0.799	U	<0.767	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	<0.644	U	<0.618	U
Perfluorobutanesulfonic Acid (PFBS)	NA	<0.236	U	<0.227	U
Perfluorobutanoic Acid (PFBA)	NA	**21.8**		**30.3**	
Perfluorodecanesulfonic Acid (PFDS)	NA	<0.974	U	<0.935	U
Perfluorodecanoic Acid (PFDA)	NA	<0.302	U	<0.29	U
Perfluorododecanoic Acid (PFDoA)	NA	<0.37	U	<0.355	U
Perfluoroheptanesulfonic Acid (PFHpS)	NA	<0.684	U	<0.656	U
Perfluoroheptanoic Acid (PFHpA)	NA	**0.568**	J	**1.01**	J
Perfluorohexanesulfonic Acid (PFHxS)	NA	<0.374	U	<0.359	U
Perfluorohexanoic Acid (PFHxA)	NA	**13.6**		**14.5**	
Perfluorononanoic Acid (PFNA)	NA	<0.31	U	<0.298	U
Perfluorooctanesulfonamide (FOSA)	NA	<0.576	U	<0.553	U
Perfluorooctanesulfonic Acid (PFOS)	10	<0.501	U	<0.481	U
Perfluorooctanoic Acid (PFOA)	10	<0.234	U	<0.225	U
Perfluoropentanoic Acid (PFPeA)	NA	**20.9**		**21.1**	
Perfluorotetradecanoic Acid (PFTA)	NA	<0.246	U	<0.236	U
Perfluorotridecanoic Acid (PFTrDA)	NA	**0.676**	J	<0.312	U
Perfluoroundecanoic Acid (PFUnA)	NA	<0.258	U	<0.248	U
PFOA/PFOS, Total	NA	<0.234	U	<0.225	U
Total PFAS	NA	**57.544**	-	**66.91**	-

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

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 Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) Guidance Values	MW-08R-6.8.21		MW-08R-121621	
COLLECTION DATE:		6/8/2021		12/16/2021	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q
PFAS					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NA	<1.24	U	<1.14	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NA	**2.46**		**1.52**	J
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	<0.824	U	<0.758	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	<0.664	U	<0.611	U
Perfluorobutanesulfonic Acid (PFBS)	NA	**1.57**	J	**2.99**	
Perfluorobutanoic Acid (PFBA)	NA	**22.1**		**13.9**	
Perfluorodecanesulfonic Acid (PFDS)	NA	<1	U	<0.924	U
Perfluorodecanoic Acid (PFDA)	NA	**0.68**	J	<0.287	U
Perfluorododecanoic Acid (PFDoA)	NA	<0.381	U	<0.351	U
Perfluoroheptanesulfonic Acid (PFHpS)	NA	<0.705	U	<0.649	U
Perfluoroheptanoic Acid (PFHpA)	NA	**11.5**		**3.98**	
Perfluorohexanesulfonic Acid (PFHxS)	NA	<0.385	U	<0.355	U
Perfluorohexanoic Acid (PFHxA)	NA	**21.5**		**9.01**	
Perfluorononanoic Acid (PFNA)	NA	**0.848**	J	**0.449**	J
Perfluorooctanesulfonamide (FOSA)	NA	<0.594	U	<0.547	U
Perfluorooctanesulfonic Acid (PFOS)	10	**0.758**	J	**1.03**	J
Perfluorooctanoic Acid (PFOA)	10	**15.4**		**3.1**	
Perfluoropentanoic Acid (PFPeA)	NA	**49.2**		**12.2**	
Perfluorotetradecanoic Acid (PFTA)	NA	<0.254	U	<0.234	U
Perfluorotridecanoic Acid (PFTrDA)	NA	<0.335	U	<0.309	U
Perfluoroundecanoic Acid (PFUnA)	NA	<0.266	U	<0.245	U
PFOA/PFOS, Total	NA	**16.2**	J	**4.13**	J
Total PFAS	NA	**126.016**	-	**48.179**	-

Notes:

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

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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 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 Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) Guidance Values	RIBW-01R-6.8.21		DUP-6.8.21 (RIBW-01R-6.8.22)		RIBW-01R-121621	
COLLECTION DATE:		6/8/2021		6/8/2021		12/16/2021	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER		GROUNDWATER	
ANALYTE		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
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NA	<1.24	U	<1.19	U	<1.34	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	**1.69**	J	<0.72	U	<0.806	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	**1.5**	J	<0.58	U	<0.65	U
Perfluorobutanesulfonic Acid (PFBS)	NA	<0.221	U	<0.213	U	<0.238	U
Perfluorobutanoic Acid (PFBA)	NA	**19.8**		**20**		**6.75**	
Perfluorodecanesulfonic Acid (PFDS)	NA	<0.91	U	<0.878	U	<0.982	U
Perfluorodecanoic Acid (PFDA)	NA	<0.282	U	<0.272	U	<0.305	U
Perfluorododecanoic Acid (PFDoA)	NA	<0.345	U	<0.333	U	<0.373	U
Perfluoroheptanesulfonic Acid (PFHpS)	NA	<0.639	U	<0.616	U	<0.69	U
Perfluoroheptanoic Acid (PFHpA)	NA	**0.557**	J	**0.552**	J	**0.281**	J
Perfluorohexanesulfonic Acid (PFHxS)	NA	**0.386**	J	<0.337	U	<0.377	U
Perfluorohexanoic Acid (PFHxA)	NA	**2.9**		**2.97**		**0.978**	J
Perfluorononanoic Acid (PFNA)	NA	<0.29	U	<0.279	U	<0.313	U
Perfluorooctanesulfonamide (FOSA)	NA	<0.539	U	<0.519	U	<0.581	U
Perfluorooctanesulfonic Acid (PFOS)	10	<0.468	U	<0.451	U	<0.505	U
Perfluorooctanoic Acid (PFOA)	10	**0.293**	J	**0.297**	J	**0.245**	J
Perfluoropentanoic Acid (PFPeA)	NA	**5.62**		**5.13**		**2.39**	
Perfluorotetradecanoic Acid (PFTA)	NA	**0.479**	J	<0.222	U	<0.249	U
Perfluorotridecanoic Acid (PFTrDA)	NA	**0.468**	J	**0.355**	J	<0.328	U
Perfluoroundecanoic Acid (PFUnA)	NA	<0.241	U	<0.233	U	<0.261	U
PFOA/PFOS, Total	NA	**0.293**	J	**0.297**	J	**0.245**	J
Total PFAS	NA	**33.693**	-	**29.601**	-	**10.644**	-

Notes:

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

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

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 Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) Guidance Values	RIBW-02-6.7.21		RIBW-02-121621		DUPE-121621 (RIBW-02-121621)	
COLLECTION DATE:		6/7/2021		12/16/2021		12/16/2021	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER		GROUNDWATER	
ANALYTE		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
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NA	<1.23	U	<1.17	U	<1.15	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	<0.745	U	<0.709	U	<0.692	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	<0.6	U	<0.571	U	<0.558	U
Perfluorobutanesulfonic Acid (PFBS)	NA	**2.43**		**2.34**		**2.66**	
Perfluorobutanoic Acid (PFBA)	NA	**10.1**		**8.59**		**9.0**	
Perfluorodecanesulfonic Acid (PFDS)	NA	<0.908	U	<0.864	U	<0.844	U
Perfluorodecanoic Acid (PFDA)	NA	**0.756**	J	**1.16**	J	**0.885**	J
Perfluorododecanoic Acid (PFDoA)	NA	<0.345	U	**0.398**	J	<0.32	U
Perfluoroheptanesulfonic Acid (PFHpS)	NA	<0.637	U	<0.606	U	<0.592	U
Perfluoroheptanoic Acid (PFHpA)	NA	**0.756**	J	**0.987**	J	**0.765**	J
Perfluorohexanesulfonic Acid (PFHxS)	NA	<0.348	U	<0.331	U	<0.324	U
Perfluorohexanoic Acid (PFHxA)	NA	**1.67**	J	**1.44**	J	**1.42**	J
Perfluorononanoic Acid (PFNA)	NA	**0.337**	J	**0.557**	J	**0.558**	J
Perfluorooctanesulfonamide (FOSA)	NA	<0.537	U	<0.511	U	<0.5	U
Perfluorooctanesulfonic Acid (PFOS)	10	**0.667**	J	**1.45**	J	**1.54**	J
Perfluorooctanoic Acid (PFOA)	10	**1.18**	J	**1.63**	J	**1.92**	
Perfluoropentanoic Acid (PFPeA)	NA	**2.1**		**3.03**		**3.25**	
Perfluorotetradecanoic Acid (PFTA)	NA	<0.23	U	<0.219	U	<0.214	U
Perfluorotridecanoic Acid (PFTrDA)	NA	<0.303	U	<0.288	U	<0.282	U
Perfluoroundecanoic Acid (PFUnA)	NA	<0.241	U	**0.25**	J	**0.272**	J
PFOA/PFOS, Total	NA	**1.85**	J	**3.08**	J	**3.46**	J
Total PFAS	NA	**19.996**	-	**21.832**	-	**13.27**	-

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

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 Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) Guidance Values	RIBW-03-6.7.21		RIBW-03-121621	
COLLECTION DATE:		6/7/2021		12/16/2021	
SAMPLE MATRIX:		GROUNDWATER		GROUNDWATER	
ANALYTE		Conc	Q	Conc	Q
PFAS					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NA	<1.08	U	<1.06	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NA	<1.19	U	**1.62**	J
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	<0.716	U	<0.7	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	NA	<0.577	U	<0.564	U
Perfluorobutanesulfonic Acid (PFBS)	NA	**0.94**	J	**0.902**	J
Perfluorobutanoic Acid (PFBA)	NA	**211**		**195**	
Perfluorodecanesulfonic Acid (PFDS)	NA	<0.873	U	<0.853	U
Perfluorodecanoic Acid (PFDA)	NA	<0.271	U	<0.265	U
Perfluorododecanoic Acid (PFDoA)	NA	<0.331	U	<0.324	U
Perfluoroheptanesulfonic Acid (PFHpS)	NA	<0.613	U	<0.599	U
Perfluoroheptanoic Acid (PFHpA)	NA	**113**		**126**	
Perfluorohexanesulfonic Acid (PFHxS)	NA	<0.335	U	<0.327	U
Perfluorohexanoic Acid (PFHxA)	NA	**284**		**281**	
Perfluorononanoic Acid (PFNA)	NA	<0.278	U	<0.272	U
Perfluorooctanesulfonamide (FOSA)	NA	<0.516	U	<0.505	U
Perfluorooctanesulfonic Acid (PFOS)	10	<0.449	U	<0.439	U
Perfluorooctanoic Acid (PFOA)	10	**7.48**		**10.3**	
Perfluoropentanoic Acid (PFPeA)	NA	**665**		**634**	
Perfluorotetradecanoic Acid (PFTA)	NA	<0.221	U	<0.216	U
Perfluorotridecanoic Acid (PFTrDA)	NA	<0.291	U	<0.285	U
Perfluoroundecanoic Acid (PFUnA)	NA	<0.232	U	<0.226	U
PFOA/PFOS, Total	NA	**7.48**		**10.3**	
Total PFAS	NA	**1281.42**	-	**1248.822**	-

Notes:

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

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

APPENDIX 1

Laboratory Report

ANALYTICAL REPORT

Lab Number:	L2131464
Client:	LaBella Associates, P.C. 105 N. Tioga Suite 200 Ithaca, NY 14850
ATTN:	Alexander Brett
Phone:	(585) 454-6110
Project Name:	FORMER SHERWOOD SHOE
Project Number:	2172056
Report Date:	06/18/21

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: FORMER SHERWOOD SHOE
Project Number: 2172056

Lab Number: L2131464
Report Date: 06/18/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2131464-01	MW-06R-6.7.21	WATER	ROCHESTER, NY	06/07/21 10:25	06/10/21
L2131464-02	RIBW-02-6.7.21	WATER	ROCHESTER, NY	06/07/21 08:00	06/10/21
L2131464-03	RIBW-01R-6.8.21	WATER	ROCHESTER, NY	06/08/21 10:15	06/10/21
L2131464-04	RIBW-03-6.8.21	WATER	ROCHESTER, NY	06/08/21 11:00	06/10/21
L2131464-05	DUP-6.8.21	WATER	ROCHESTER, NY	06/08/21 00:00	06/10/21
L2131464-06	RIMW-08R-6.8.21	WATER	ROCHESTER, NY	06/08/21 11:54	06/10/21
L2131464-07	EB-6.7.21	WATER	ROCHESTER, NY	06/07/21 12:00	06/10/21
L2131464-08	EB-6.8.21	WATER	ROCHESTER, NY	06/08/21 15:00	06/10/21

Project Name:	FORMER SHERWOOD SHOE	**Lab Number:**	L2131464
Project Number:	2172056	**Report Date:**	06/18/21

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:	FORMER SHERWOOD SHOE	**Lab Number:**	L2131464
Project Number:	2172056	**Report Date:**	06/18/21

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

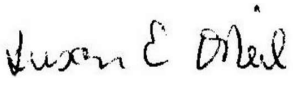
L2131464-01 and -06: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA Surrogate (Extracted Internal Standard).

L2131464-01, -02, -03, -04, -05, and -06: The sample was centrifuged and decanted prior to extraction due to sample matrix.

WG1511583-5: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1511583-5 and WG1511583-6: 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:  Susan O' Neil

Title: Technical Director/Representative Date: 06/18/21

ORGANICS

SEMIVOLATILES

Project Name: FORMER SHERWOOD SHOE
Lab Number: L2131464
Project Number: 2172056
Report Date: 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-01
Client ID: MW-06R-6.7.21
Sample Location: ROCHESTER, NY

Date Collected: 06/07/21 10:25
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/17/21 08:43
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/14/21 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	21.8		ng/l	1.99	0.405	1
Perfluoropentanoic Acid (PFPeA)	20.9		ng/l	1.99	0.394	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.99	0.236	1
Perfluorohexanoic Acid (PFHxA)	13.6		ng/l	1.99	0.326	1
Perfluoroheptanoic Acid (PFHpA)	0.568	J	ng/l	1.99	0.224	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.99	0.374	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.99	0.234	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.99	1.32	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.99	0.684	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.99	0.310	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.99	0.501	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.99	0.302	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.99	1.20	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.99	0.644	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.99	0.258	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.99	0.974	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.99	0.799	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.99	0.370	1
Perfluorotridecanoic Acid (PFTrDA)	0.676	JF	ng/l	1.99	0.325	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.99	0.246	1
PFOA/PFOS, Total	ND		ng/l	1.99	0.234	1

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131464

Project Number: 2172056 **Report Date:** 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-01 Date Collected: 06/07/21 10:25

Client ID: MW-06R-6.7.21 Date Received: 06/10/21

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)	89		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	103		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	102		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	105		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	78		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	93		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	65		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	88		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	81		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		22-136

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131464
Report Date: 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-01
Client ID: MW-06R-6.7.21
Sample Location: ROCHESTER, NY

Date Collected: 06/07/21 10:25
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 10:47
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/14/21 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.99	0.576	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	62		10-112

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131464
Report Date: 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-02
Client ID: RIBW-02-6.7.21
Sample Location: ROCHESTER, NY

Date Collected: 06/07/21 08:00
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/17/21 08:59
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/14/21 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	10.1		ng/l	1.85	0.378	1
Perfluoropentanoic Acid (PFPeA)	2.10		ng/l	1.85	0.367	1
Perfluorobutanesulfonic Acid (PFBS)	2.43		ng/l	1.85	0.220	1
Perfluorohexanoic Acid (PFHxA)	1.67	J	ng/l	1.85	0.304	1
Perfluoroheptanoic Acid (PFHpA)	0.756	J	ng/l	1.85	0.209	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.85	0.348	1
Perfluorooctanoic Acid (PFOA)	1.18	J	ng/l	1.85	0.219	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)	0.337	J	ng/l	1.85	0.289	1
Perfluorooctanesulfonic Acid (PFOS)	0.667	J	ng/l	1.85	0.467	1
Perfluorodecanoic Acid (PFDA)	0.756	J	ng/l	1.85	0.282	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	0.908	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.85	0.537	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.85	0.745	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.85	0.345	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	1.85	J	ng/l	1.85	0.219	1

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131464

Project Number: 2172056 **Report Date:** 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-02 Date Collected: 06/07/21 08:00

Client ID: RIBW-02-6.7.21 Date Received: 06/10/21

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)	86		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	112		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	111		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	94		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	93		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	37		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	88		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	17		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	50		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	75		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76		22-136

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131464
Report Date: 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-03
Client ID: RIBW-01R-6.8.21
Sample Location: ROCHESTER, NY

Date Collected: 06/08/21 10:15
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/16/21 19:00
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/14/21 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	19.8		ng/l	1.86	0.379	1
Perfluoropentanoic Acid (PFPeA)	5.62		ng/l	1.86	0.368	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.86	0.221	1
Perfluorohexanoic Acid (PFHxA)	2.90		ng/l	1.86	0.305	1
Perfluoroheptanoic Acid (PFHpA)	0.557	J	ng/l	1.86	0.209	1
Perfluorohexanesulfonic Acid (PFHxS)	0.386	JF	ng/l	1.86	0.349	1
Perfluorooctanoic Acid (PFOA)	0.293	J	ng/l	1.86	0.219	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	0.639	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.86	0.290	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.86	0.468	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.86	0.282	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	1.50	J	ng/l	1.86	0.602	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.241	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.910	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.539	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.69	JF	ng/l	1.86	0.747	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.345	1
Perfluorotridecanoic Acid (PFTrDA)	0.468	J	ng/l	1.86	0.304	1
Perfluorotetradecanoic Acid (PFTA)	0.479	J	ng/l	1.86	0.230	1
PFOA/PFOS, Total	0.293	J	ng/l	1.86	0.219	1

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131464

Project Number: 2172056 **Report Date:** 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-03 Date Collected: 06/08/21 10:15

Client ID: RIBW-01R-6.8.21 Date Received: 06/10/21

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)	113		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	82		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	73		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	88		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	140		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	101		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	80		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	134		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	55		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	45		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	66		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	64		22-136

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131464
Report Date: 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-04
Client ID: RIBW-03-6.8.21
Sample Location: ROCHESTER, NY

Date Collected: 06/08/21 11:00
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/17/21 09:16
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/14/21 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	211		ng/l	1.78	0.363	1
Perfluoropentanoic Acid (PFPeA)	665		ng/l	1.78	0.353	1
Perfluorobutanesulfonic Acid (PFBS)	0.940	J	ng/l	1.78	0.212	1
Perfluorohexanoic Acid (PFHxA)	284		ng/l	1.78	0.292	1
Perfluoroheptanoic Acid (PFHpA)	113		ng/l	1.78	0.200	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.78	0.335	1
Perfluorooctanoic Acid (PFOA)	7.48		ng/l	1.78	0.210	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.78	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.78	0.613	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.78	0.278	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.78	0.449	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.78	0.271	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.78	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.78	0.577	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.78	0.232	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.78	0.873	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.78	0.516	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.78	0.716	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.78	0.331	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.78	0.291	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.78	0.221	1
PFOA/PFOS, Total	7.48		ng/l	1.78	0.210	1

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131464

Project Number: 2172056 **Report Date:** 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-04 Date Collected: 06/08/21 11:00

Client ID: RIBW-03-6.8.21 Date Received: 06/10/21

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)	82		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	70		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	63		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	80		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	77		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	132		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	74		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)	55		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	79		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	17		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	44		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	67		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	64		22-136

Project Name: FORMER SHERWOOD SHOE
Lab Number: L2131464
Project Number: 2172056
Report Date: 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-05
Client ID: DUP-6.8.21
Sample Location: ROCHESTER, NY

Date Collected: 06/08/21 00:00
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/17/21 09:32
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/14/21 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	20.0		ng/l	1.79	0.365	1
Perfluoropentanoic Acid (PFPeA)	5.13		ng/l	1.79	0.355	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.79	0.213	1
Perfluorohexanoic Acid (PFHxA)	2.97		ng/l	1.79	0.294	1
Perfluoroheptanoic Acid (PFHpA)	0.552	J	ng/l	1.79	0.202	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.79	0.337	1
Perfluorooctanoic Acid (PFOA)	0.297	J	ng/l	1.79	0.211	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.79	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.79	0.616	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.79	0.279	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.79	0.451	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.79	0.272	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.79	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.79	0.580	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.79	0.233	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.79	0.878	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.79	0.519	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.79	0.720	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.79	0.333	1
Perfluorotridecanoic Acid (PFTrDA)	0.355	J	ng/l	1.79	0.293	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.79	0.222	1
PFOA/PFOS, Total	0.297	J	ng/l	1.79	0.211	1

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131464

Project Number: 2172056 **Report Date:** 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-05 Date Collected: 06/08/21 00:00

Client ID: DUP-6.8.21 Date Received: 06/10/21

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)	89		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	118		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	102		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	131		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	103		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	122		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	63		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	93		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	15		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	48		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	77		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	75		22-136

Project Name: FORMER SHERWOOD SHOE
Lab Number: L2131464
Project Number: 2172056
Report Date: 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-06
Client ID: RIMW-08R-6.8.21
Sample Location: ROCHESTER, NY

Date Collected: 06/08/21 11:54
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/17/21 09:49
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/14/21 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	22.1		ng/l	2.05	0.418	1
Perfluoropentanoic Acid (PFPeA)	49.2		ng/l	2.05	0.406	1
Perfluorobutanesulfonic Acid (PFBS)	1.57	J	ng/l	2.05	0.244	1
Perfluorohexanoic Acid (PFHxA)	21.5		ng/l	2.05	0.336	1
Perfluoroheptanoic Acid (PFHpA)	11.5		ng/l	2.05	0.231	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.05	0.385	1
Perfluorooctanoic Acid (PFOA)	15.4		ng/l	2.05	0.242	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.46		ng/l	2.05	1.36	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.05	0.705	1
Perfluorononanoic Acid (PFNA)	0.848	J	ng/l	2.05	0.320	1
Perfluorooctanesulfonic Acid (PFOS)	0.758	J	ng/l	2.05	0.516	1
Perfluorodecanoic Acid (PFDA)	0.680	J	ng/l	2.05	0.312	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.05	1.24	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.05	0.664	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.05	0.266	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.05	1.00	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.05	0.824	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.05	0.381	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.05	0.335	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.05	0.254	1
PFOA/PFOS, Total	16.2	J	ng/l	2.05	0.242	1

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131464

Project Number: 2172056 **Report Date:** 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-06 Date Collected: 06/08/21 11:54

Client ID: RIMW-08R-6.8.21 Date Received: 06/10/21

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)	83		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	110		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	85		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	70		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	78		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	129		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	90		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	74		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)	45		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	75		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	38		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	70		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73		22-136

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131464
Report Date: 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-06
Client ID: RIMW-08R-6.8.21
Sample Location: ROCHESTER, NY

Date Collected: 06/08/21 11:54
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 10:54
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/14/21 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.05	0.594	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	58		10-112

Project Name: FORMER SHERWOOD SHOE
Lab Number: L2131464
Project Number: 2172056
Report Date: 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-07
Client ID: EB-6.7.21
Sample Location: ROCHESTER, NY

Date Collected: 06/07/21 12:00
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/17/21 10:05
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/14/21 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.90	0.388	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.90	0.376	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.90	0.226	1
Perfluorohexanoic Acid (PFHxA)	0.437	J	ng/l	1.90	0.312	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.90	0.214	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.90	0.357	1
Perfluorooctanoic Acid (PFOA)	ND		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	0.296	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	ND		ng/l	1.90	0.224	1

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131464

Project Number: 2172056 **Report Date:** 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-07 Date Collected: 06/07/21 12:00

Client ID: EB-6.7.21 Date Received: 06/10/21

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)	119		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	83		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	90		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	104		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	84		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	56		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	107		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	47		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	95		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	96		22-136

Project Name: FORMER SHERWOOD SHOE
Lab Number: L2131464
Project Number: 2172056
Report Date: 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-08
Client ID: EB-6.8.21
Sample Location: ROCHESTER, NY

Date Collected: 06/08/21 15:00
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/17/21 10:22
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/14/21 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.05	0.419	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.05	0.407	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.05	0.244	1
Perfluorohexanoic Acid (PFHxA)	0.468	J	ng/l	2.05	0.337	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.05	0.231	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.05	0.386	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.05	0.242	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.05	1.37	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.05	0.706	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.05	0.320	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.05	0.518	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.05	0.312	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.05	1.24	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.05	0.666	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.05	0.267	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.05	1.01	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.05	0.596	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.05	0.826	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.05	0.382	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.05	0.336	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.05	0.255	1
PFOA/PFOS, Total	ND		ng/l	2.05	0.242	1

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131464

Project Number: 2172056 **Report Date:** 06/18/21

SAMPLE RESULTS

Lab ID: L2131464-08 Date Collected: 06/08/21 15:00

Client ID: EB-6.8.21 Date Received: 06/10/21

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)	122		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	108		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	93		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	105		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102		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)	83		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)	111		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)	104		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	102		22-136

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131464
Report Date: 06/18/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/15/21 14:26
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/14/21 08:43

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1511583-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	88		10-112

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131464
Report Date: 06/18/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/16/21 16:47
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/14/21 08:43

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1511583-1					
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)	0.408	J	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: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131464
Report Date: 06/18/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/16/21 16:47
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/14/21 08:43

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1511583-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	130		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	108		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	103		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	91		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	118		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	105		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	114		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)	104		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	23		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	59		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	86		22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131464

Report Date: 06/18/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab	Associated sample(s): 01-08		Batch: WG1511583-2					
Perfluorooctanesulfonamide (FOSA)	82		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	98				10-112

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131464
Report Date: 06/18/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 Batch: WG1511583-2								
Perfluorobutanoic Acid (PFBA)	97		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	93		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	99		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	95		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	96		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	97		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	97		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	96		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	96		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	85		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	95		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	95		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	114		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	80		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	101		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	94		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	100		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	76		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	100		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	124		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	113		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131464

Report Date: 06/18/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 Batch: WG1511583-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	129				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	85				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	98				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	114				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92				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)	71				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	104				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	25				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81				22-136

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131464

Report Date: 06/18/21

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): 01-08 QC Batch ID: WG1511583-3 WG1511583-4 QC Sample: L2131089-02 Client ID: MS Sample												
Perfluorooctanoic Acid (PFOA)	ND	34.5	32.5	94		35.6	101		63-159	9		30
Perfluorononanoic Acid (PFNA)	ND	34.5	29.3	85		31.0	88		68-171	6		30
Perfluorooctanesulfonic Acid (PFOS)	ND	32	29.8	93		31.0	95		52-151	4		30

Surrogate (Extracted Internal Standard)	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	81		87		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	**57**	Q	**60**	Q	62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	74		80		59-139

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131464

Report Date: 06/18/21

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): 01-08 QC Batch ID: WG1511583-5 WG1511583-6 QC Sample: L2131464-03 Client ID: RIBW-01R-6.8.21												
Perfluorobutanoic Acid (PFBA)	19.8	36.5	56.2	100		54.6	96		67-148	3		30
Perfluoropentanoic Acid (PFPeA)	5.62	36.5	39.9	94		39.0	92		63-161	2		30
Perfluorobutanesulfonic Acid (PFBS)	ND	32.4	33.3	103		32.3	101		65-157	3		30
Perfluorohexanoic Acid (PFHxA)	2.90	36.5	37.0	93		35.7	91		69-168	4		30
Perfluoroheptanoic Acid (PFHpA)	0.557J	36.5	37.0	100		35.2	96		58-159	5		30
Perfluorohexanesulfonic Acid (PFHxS)	0.386JF	33.4	34.1	101		32.9	98		69-177	4		30
Perfluorooctanoic Acid (PFOA)	0.293J	36.5	35.7	97		35.6	98		63-159	0		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	34.8	34.6	100		34.8	101		49-187	1		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	34.8	33.2	96		31.9	93		61-179	4		30
Perfluorononanoic Acid (PFNA)	ND	36.5	32.3	88		31.3	87		68-171	3		30
Perfluorooctanesulfonic Acid (PFOS)	ND	33.9	32.3	95		31.9	95		52-151	1		30
Perfluorodecanoic Acid (PFDA)	ND	36.5	35.0	96		34.0	94		63-171	3		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	35	42.6	122		40.6	117		56-173	5		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	1.50J	36.5	29.3	76		29.6	78		60-166	1		30
Perfluoroundecanoic Acid (PFUnA)	ND	36.5	37.0	101		36.8	102		60-153	1		30
Perfluorodecanesulfonic Acid (PFDS)	ND	35.2	31.3	89		30.0	86		38-156	4		30
Perfluorooctanesulfonamide (FOSA)	ND	36.5	35.8	98		36.3	100		46-170	1		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.69JF	36.5	34.1	89		31.8	83		45-170	7		30
Perfluorododecanoic Acid (PFDoA)	ND	36.5	37.9	104		38.3	106		67-153	1		30
Perfluorotridecanoic Acid (PFTrDA)	0.468J	36.5	45.4	123		42.6	117		48-158	6		30
Perfluorotetradecanoic Acid (PFTA)	0.479J	36.5	40.0	108		40.2	110		59-182	0		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131464

Report Date: 06/18/21

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): 01-08 QC Batch ID: WG1511583-5 WG1511583-6 QC Sample: L2131464-03 Client ID: RIBW-01R-6.8.21

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)	128		134		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	145		144		14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	46		45		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	63		58		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89		87		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		83		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		88		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	77		74		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89		90		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	71		68		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73		66		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	91		87		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	117		114		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	**8**	Q	18		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		98		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		84		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106		103		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98		102		70-131

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056

Lab Number: L2131464
Report Date: 06/18/21

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(*)
L2131464-01A	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-01B	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-02A	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-02B	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-03A	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-03A1	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-03A2	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-03B	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-03B1	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-03B2	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-04A	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-04B	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-05A	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-05B	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-06A	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-06B	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-07A	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-08A	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2131464-08B	Plastic 250ml unpreserved	A	NA		9.9	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131464
Report Date: 06/18/21

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:	FORMER SHERWOOD SHOE	**Lab Number:**	L2131464
Project Number:	2172056	**Report Date:**	06/18/21

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:	FORMER SHERWOOD SHOE	**Lab Number:**	L2131464
Project Number:	2172056	**Report Date:**	06/18/21

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.

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'.

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 at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

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.)

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 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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	FORMER SHERWOOD SHOE	**Lab Number:**	L2131464
Project Number:	2172056	**Report Date:**	06/18/21

Data Qualifiers

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.

REFERENCES

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: 6/11/21

ALPHA Job #: L2B1464

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

Project Information
Project Name: Former Sherwood Shoe (625 South Goodman St)
Project Location: Rochester, NY
Project #: 2172056
(Use Project name as Project #)
Project Manager: A. Brett
ALPHAQuote #:

Turn-Around Time
Standard
Rush (only if pre approved)
Due Date:
# 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:
- Extra sample volume included for RIBW-01R-6.8.21 for MS/MSD
- ASP CAT B + EQuIS EDD

Please specify Metals or TAL.

ANALYSIS
PFAS

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	PFAS	Total # Bottles	Sample Specific Comments
31464-01	MW-06R-6.7.21	6/7/21	1025	GW	AQB	X	2	
-02	RIBW-02-6.7.21	6/7/21	0800	GW	AQB	X	2	
-03	RIBW-01R-6.8.21	6/8/21	1015	GW	AQB	X	6	Perform MS/MSD
-04	RIBW-03-6.8.21	6/7/21	1100	GW	AQB	X	2	
-05	DUP-6.8.21	6/8/21	—	GW	AQB	X	2	
-06	RIMW-08R-6.8.21	6/8/21	1154	GW	AQB	X	1	
-07	EB-6.7.21	6/7/21	1200	GW	AQB	X	1	
-08	EB-6.8.21	6/8/21	1500	GW	AQB	X	2	

Container Type: P
Preservative: 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
	6/10/21 1723	RCunningham AAL	6/10/21 17:25
RCunningham AAL	6/10/21 17:25		
	6/11/21 06:00	Rob Macht	6/11/21 600
Rob Macht	6/11/21 750		6/11/21 07:5

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:	L2131462
Client:	LaBella Associates, P.C. 105 N. Tioga Suite 200 Ithaca, NY 14850
ATTN:	Alexander Brett
Phone:	(585) 454-6110
Project Name:	FORMER SHERWOOD SHOE
Project Number:	2172056
Report Date:	07/01/21

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: FORMER SHERWOOD SHOE
Project Number: 2172056

Lab Number: L2131462
Report Date: 07/01/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2131462-01	RIBW-01R-6.8.21	WATER	ROCHESTER, NY	06/08/21 14:35	06/10/21
L2131462-02	DUP-6.8.21	WATER	ROCHESTER, NY	06/08/21 00:00	06/10/21
L2131462-03	RIBW-03-6.9.21	WATER	ROCHESTER, NY	06/09/21 09:55	06/10/21
L2131462-04	MW-06R-6.9.21	WATER	ROCHESTER, NY	06/09/21 11:56	06/10/21
L2131462-05	RIBW-02R-6.9.21	WATER	ROCHESTER, NY	06/09/21 15:55	06/10/21
L2131462-06	MW-08R-6.10.21	WATER	ROCHESTER, NY	06/10/21 08:30	06/10/21
L2131462-07	TRIP BLANK	WATER	ROCHESTER, NY	06/08/21 08:00	06/10/21

Project Name:	FORMER SHERWOOD SHOE	**Lab Number:**	L2131462
Project Number:	2172056	**Report Date:**	07/01/21

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:	FORMER SHERWOOD SHOE	**Lab Number:**	L2131462
Project Number:	2172056	**Report Date:**	07/01/21

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: Cristin Walker

Title: Technical Director/Representative Date: 07/01/21

ORGANICS

VOLATILES

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-01
Client ID: RIBW-01R-6.8.21
Sample Location: ROCHESTER, NY
Date Collected: 06/08/21 14:35
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/19/21 16:49
Analyst: PD

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	0.79		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	2.4		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	3.1		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	0.39	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	15		ug/l	2.5	0.70	1
Trichloroethene	7.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-01 Date Collected: 06/08/21 14:35

Client ID: RIBW-01R-6.8.21 Date Received: 06/10/21

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	1.2	J	ug/l	2.5	0.70	1
o-Xylene	1.3	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	5.5		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	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	2.9		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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	114		70-130

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-02
Client ID: DUP-6.8.21
Sample Location: ROCHESTER, NY
Date Collected: 06/08/21 00:00
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/19/21 17:14
Analyst: PD

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	0.84		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	2.5		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	3.1		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	0.36	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	15		ug/l	2.5	0.70	1
Trichloroethene	7.7		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-02 Date Collected: 06/08/21 00:00

Client ID: DUP-6.8.21 Date Received: 06/10/21

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	1.2	J	ug/l	2.5	0.70	1
o-Xylene	1.4	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	5.4		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	3.1		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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	113		70-130

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-03
Client ID: RIBW-03-6.9.21
Sample Location: ROCHESTER, NY

Date Collected: 06/09/21 09:55
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/19/21 17:39
Analyst: PD

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	1.7		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	0.32	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-03 Date Collected: 06/09/21 09:55

Client ID: RIBW-03-6.9.21 Date Received: 06/10/21

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	14		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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	111		70-130

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-04
Client ID: MW-06R-6.9.21
Sample Location: ROCHESTER, NY

Date Collected: 06/09/21 11:56
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/19/21 18:04
Analyst: PD

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	0.75	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: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-04 Date Collected: 06/09/21 11:56

Client ID: MW-06R-6.9.21 Date Received: 06/10/21

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	113		70-130

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-05 D
Client ID: RIBW-02R-6.9.21
Sample Location: ROCHESTER, NY

Date Collected: 06/09/21 15:55
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/19/21 18:29
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethane	ND		ug/l	6.2	1.8	2.5
Chloroform	ND		ug/l	6.2	1.8	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	2.5	0.34	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	1.2	2.5
Tetrachloroethene	ND		ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	6.2	1.8	2.5
Trichlorofluoromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	6.2	1.8	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
Bromoform	ND		ug/l	5.0	1.6	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.42	2.5
Benzene	6.2		ug/l	1.2	0.40	2.5
Toluene	11		ug/l	6.2	1.8	2.5
Ethylbenzene	43		ug/l	6.2	1.8	2.5
Chloromethane	ND		ug/l	6.2	1.8	2.5
Bromomethane	ND		ug/l	6.2	1.8	2.5
Vinyl chloride	ND		ug/l	2.5	0.18	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	ND		ug/l	1.2	0.42	2.5
trans-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
Trichloroethene	0.62	J	ug/l	1.2	0.44	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-05 D
Client ID: RIBW-02R-6.9.21
Sample Location: ROCHESTER, NY

Date Collected: 06/09/21 15:55
Date Received: 06/10/21
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	6.2	1.8	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	ND		ug/l	6.2	1.8	2.5
p/m-Xylene	55		ug/l	6.2	1.8	2.5
o-Xylene	45		ug/l	6.2	1.8	2.5
cis-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
Styrene	ND		ug/l	6.2	1.8	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5	2.5
Acetone	ND		ug/l	12	3.6	2.5
Carbon disulfide	ND		ug/l	12	2.5	2.5
2-Butanone	ND		ug/l	12	4.8	2.5
4-Methyl-2-pentanone	ND		ug/l	12	2.5	2.5
2-Hexanone	ND		ug/l	12	2.5	2.5
1,2-Dibromoethane	ND		ug/l	5.0	1.6	2.5
n-Butylbenzene	ND		ug/l	6.2	1.8	2.5
sec-Butylbenzene	ND		ug/l	6.2	1.8	2.5
tert-Butylbenzene	ND		ug/l	6.2	1.8	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	15		ug/l	6.2	1.8	2.5
p-Isopropyltoluene	ND		ug/l	6.2	1.8	2.5
Naphthalene	250		ug/l	6.2	1.8	2.5
n-Propylbenzene	4.5	J	ug/l	6.2	1.8	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3,5-Trimethylbenzene	12		ug/l	6.2	1.8	2.5
1,2,4-Trimethylbenzene	68		ug/l	6.2	1.8	2.5
Methyl Acetate	ND		ug/l	5.0	0.58	2.5
Cyclohexane	0.76	J	ug/l	25	0.68	2.5
Freon-113	ND		ug/l	6.2	1.8	2.5
Methyl cyclohexane	2.0	J	ug/l	25	0.99	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	115		70-130

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-06
Client ID: MW-08R-6.10.21
Sample Location: ROCHESTER, NY
Date Collected: 06/10/21 08:30
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/22/21 11:42
Analyst: PD

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	1.0	J	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	0.51		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-06 Date Collected: 06/10/21 08:30

Client ID: MW-08R-6.10.21 Date Received: 06/10/21

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	4.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-07 Date Collected: 06/08/21 08:00
Client ID: TRIP BLANK Date Received: 06/10/21
Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/19/21 16:24
Analyst: PD

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: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-07 Date Collected: 06/08/21 08:00

Client ID: TRIP BLANK Date Received: 06/10/21

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	112		70-130

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/19/21 11:42
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,07 Batch: WG1514639-5					
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: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/19/21 11:42
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,07 Batch: WG1514639-5					
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: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/19/21 11:42
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,07 Batch: WG1514639-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	115		70-130

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/22/21 11:19
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1515783-5					
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: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/22/21 11:19
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1515783-5					
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: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/22/21 11:19
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1515783-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056

Lab Number: L2131462
Report Date: 07/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,07 Batch: WG1514639-3 WG1514639-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	110		120		70-130	9		20
Carbon tetrachloride	**140**	Q	**140**	Q	63-132	0		20
1,2-Dichloropropane	96		94		70-130	2		20
Dibromochloromethane	120		120		63-130	0		20
1,1,2-Trichloroethane	92		92		70-130	0		20
Tetrachloroethene	130		130		70-130	0		20
Chlorobenzene	99		100		75-130	1		20
Trichlorofluoromethane	140		140		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	130		130		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	91		92		70-130	1		20
cis-1,3-Dichloropropene	98		100		70-130	2		20
Bromoform	120		120		54-136	0		20
1,1,2,2-Tetrachloroethane	89		85		67-130	5		20
Benzene	100		99		70-130	1		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	98		98		64-130	0		20
Bromomethane	88		94		39-139	7		20
Vinyl chloride	95		95		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131462

Report Date: 07/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,07 Batch: WG1514639-3 WG1514639-4								
Chloroethane	90		90		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	110		110		70-130	0		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	99		97		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	120		130		36-147	8		20
Acetone	85		72		58-148	17		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	77		77		63-138	0		20
4-Methyl-2-pentanone	90		83		59-130	8		20
2-Hexanone	83		81		57-130	2		20
1,2-Dibromoethane	100		97		70-130	3		20
n-Butylbenzene	92		96		53-136	4		20
sec-Butylbenzene	94		96		70-130	2		20
tert-Butylbenzene	92		96		70-130	4		20
1,2-Dibromo-3-chloropropane	100		100		41-144	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131462

Report Date: 07/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,07 Batch: WG1514639-3 WG1514639-4								
Isopropylbenzene	98		100		70-130	2		20
p-Isopropyltoluene	98		100		70-130	2		20
Naphthalene	97		98		70-130	1		20
n-Propylbenzene	93		95		69-130	2		20
1,2,4-Trichlorobenzene	110		120		70-130	9		20
1,3,5-Trimethylbenzene	98		100		64-130	2		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
Methyl Acetate	86		79		70-130	8		20
Cyclohexane	100		100		70-130	0		20
Freon-113	110		120		70-130	9		20
Methyl cyclohexane	93		97		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		105		70-130
Toluene-d8	95		97		70-130
4-Bromofluorobenzene	91		90		70-130
Dibromofluoromethane	104		107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1515783-3 WG1515783-4								
Methylene chloride	93		94		70-130	1		20
1,1-Dichloroethane	95		95		70-130	0		20
Chloroform	96		97		70-130	1		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	88		89		70-130	1		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	90		90		70-130	0		20
Tetrachloroethene	120		120		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	93		95		67-130	2		20
trans-1,3-Dichloropropene	92		92		70-130	0		20
cis-1,3-Dichloropropene	87		88		70-130	1		20
Bromoform	110		110		54-136	0		20
1,1,2,2-Tetrachloroethane	84		85		67-130	1		20
Benzene	88		90		70-130	2		20
Toluene	100		100		70-130	0		20
Ethylbenzene	98		98		70-130	0		20
Chloromethane	87		89		64-130	2		20
Bromomethane	45		49		39-139	9		20
Vinyl chloride	68		67		55-140	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131462

Report Date: 07/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1515783-3 WG1515783-4								
Chloroethane	74		74		55-138	0		20
1,1-Dichloroethene	98		99		61-145	1		20
trans-1,2-Dichloroethene	98		99		70-130	1		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	88		90		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	97		96		70-130	1		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	96		96		36-147	0		20
Acetone	90		89		58-148	1		20
Carbon disulfide	89		91		51-130	2		20
2-Butanone	81		79		63-138	3		20
4-Methyl-2-pentanone	85		86		59-130	1		20
2-Hexanone	76		76		57-130	0		20
1,2-Dibromoethane	96		97		70-130	1		20
n-Butylbenzene	93		95		53-136	2		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	91		96		41-144	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1515783-3 WG1515783-4								
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	100		110		70-130	10		20
Naphthalene	81		93		70-130	14		20
n-Propylbenzene	97		97		69-130	0		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
Methyl Acetate	71		71		70-130	0		20
Cyclohexane	96		98		70-130	2		20
Freon-113	100		100		70-130	0		20
Methyl cyclohexane	94		95		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		108		70-130
Toluene-d8	106		105		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	103		104		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131462

Report Date: 07/01/21

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): 01-05,07 QC Batch ID: WG1514639-6 WG1514639-7 QC Sample: L2131462-01 Client ID: RIBW-01R-6.8.21												
Methylene chloride	ND	10	10	100		10	100		70-130	0		20
1,1-Dichloroethane	ND	10	10	100		10	100		70-130	0		20
Chloroform	ND	10	11	110		11	110		70-130	0		20
Carbon tetrachloride	ND	10	13	130		13	130		63-132	0		20
1,2-Dichloropropane	ND	10	9.4	94		9.6	96		70-130	2		20
Dibromochloromethane	ND	10	11	110		11	110		63-130	0		20
1,1,2-Trichloroethane	ND	10	9.1	91		9.0	90		70-130	1		20
Tetrachloroethene	0.79	10	13	122		13	122		70-130	0		20
Chlorobenzene	ND	10	9.9	99		10	100		75-130	1		20
Trichlorofluoromethane	ND	10	12	120		13	130		62-150	8		20
1,2-Dichloroethane	ND	10	9.9	99		10	100		70-130	1		20
1,1,1-Trichloroethane	ND	10	12	120		12	120		67-130	0		20
Bromodichloromethane	ND	10	10	100		11	110		67-130	10		20
trans-1,3-Dichloropropene	ND	10	8.4	84		8.7	87		70-130	4		20
cis-1,3-Dichloropropene	ND	10	9.6	96		9.9	99		70-130	3		20
Bromoform	ND	10	11	110		12	120		54-136	9		20
1,1,2,2-Tetrachloroethane	ND	10	8.6	86		8.6	86		67-130	0		20
Benzene	2.4	10	13	106		14	116		70-130	7		20
Toluene	ND	10	10	100		11	110		70-130	10		20
Ethylbenzene	3.1	10	13	99		14	109		70-130	7		20
Chloromethane	ND	10	9.1	91		9.3	93		64-130	2		20
Bromomethane	ND	10	6.1	61		7.7	77		39-139	**23**	Q	20
Vinyl chloride	0.39J	10	9.7	97		9.9	99		55-140	2		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131462

Report Date: 07/01/21

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): 01-05,07 QC Batch ID: WG1514639-6 WG1514639-7 QC Sample: L2131462-01 Client ID: RIBW-01R-6.8.21												
Chloroethane	ND	10	9.0	90		9.4	94		55-138	4		20
1,1-Dichloroethene	ND	10	11	110		12	120		61-145	9		20
trans-1,2-Dichloroethene	15	10	24	90		26	110		70-130	8		20
Trichloroethene	7.9	10	17	91		18	101		70-130	6		20
1,2-Dichlorobenzene	ND	10	9.8	98		10	100		70-130	2		20
1,3-Dichlorobenzene	ND	10	9.8	98		10	100		70-130	2		20
1,4-Dichlorobenzene	ND	10	9.7	97		10	100		70-130	3		20
Methyl tert butyl ether	ND	10	9.4	94		9.8	98		63-130	4		20
p/m-Xylene	1.2J	20	21	105		22	110		70-130	5		20
o-Xylene	1.3J	20	21	105		22	110		70-130	5		20
cis-1,2-Dichloroethene	5.5	10	16	105		16	105		70-130	0		20
Styrene	ND	20	19	95		20	100		70-130	5		20
Dichlorodifluoromethane	ND	10	11	110		12	120		36-147	9		20
Acetone	ND	10	7.0	70		7.6	76		58-148	8		20
Carbon disulfide	ND	10	11	110		11	110		51-130	0		20
2-Butanone	ND	10	7.4	74		7.7	77		63-138	4		20
4-Methyl-2-pentanone	ND	10	7.6	76		8.7	87		59-130	13		20
2-Hexanone	ND	10	7.2	72		7.4	74		57-130	3		20
1,2-Dibromoethane	ND	10	9.8	98		10	100		70-130	2		20
n-Butylbenzene	ND	10	8.7	87		9.0	90		53-136	3		20
sec-Butylbenzene	ND	10	8.8	88		9.1	91		70-130	3		20
tert-Butylbenzene	ND	10	8.7	87		9.0	90		70-130	3		20
1,2-Dibromo-3-chloropropane	ND	10	9.8	98		10	100		41-144	2		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

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): 01-05,07 QC Batch ID: WG1514639-6 WG1514639-7 QC Sample: L2131462-01 Client ID: RIBW-01R-6.8.21												
Isopropylbenzene	ND	10	10	100		11	110		70-130	10		20
p-Isopropyltoluene	ND	10	9.6	96		9.9	99		70-130	3		20
Naphthalene	2.9	10	14	111		14	111		70-130	0		20
n-Propylbenzene	ND	10	9.0	90		9.3	93		69-130	3		20
1,2,4-Trichlorobenzene	ND	10	11	110		11	110		70-130	0		20
1,3,5-Trimethylbenzene	ND	10	9.5	95		9.8	98		64-130	3		20
1,2,4-Trimethylbenzene	ND	10	10	100		10	100		70-130	0		20
Methyl Acetate	ND	10	6.9	**69**	Q	6.8	**68**	Q	70-130	1		20
Cyclohexane	ND	10	9.5J	95		9.8J	98		70-130	3		20
Freon-113	ND	10	11	110		11	110		70-130	0		20
Methyl cyclohexane	ND	10	9.0J	90		9.4J	94		70-130	4		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		94		70-130
4-Bromofluorobenzene	88		88		70-130
Dibromofluoromethane	104		104		70-130
Toluene-d8	94		94		70-130

SEMIVOLATILES

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-01
Client ID: RIBW-01R-6.8.21
Sample Location: ROCHESTER, NY

Date Collected: 06/08/21 14:35
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 06/15/21 07:23
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/14/21 01:30

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	1.8	J	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	20.		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: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-01 Date Collected: 06/08/21 14:35

Client ID: RIBW-01R-6.8.21 Date Received: 06/10/21

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	ND		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	4.0		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	82		21-120
Phenol-d6	73		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	79		41-149

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-01
Client ID: RIBW-01R-6.8.21
Sample Location: ROCHESTER, NY

Date Collected: 06/08/21 14:35
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/24/21 19:12
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/14/21 01:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	32		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	3.8		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	1.7		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.11		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	0.05	J	ug/l	0.10	0.01	1
Acenaphthylene	1.9		ug/l	0.10	0.01	1
Anthracene	1.8		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	25		ug/l	0.10	0.01	1
Phenanthrene	10		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	2.2		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	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: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-01 Date Collected: 06/08/21 14:35

Client ID: RIBW-01R-6.8.21 Date Received: 06/10/21

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	64		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	107		10-120
4-Terphenyl-d14	80		41-149

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-02
Client ID: DUP-6.8.21
Sample Location: ROCHESTER, NY

Date Collected: 06/08/21 00:00
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 06/15/21 08:16
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/14/21 00:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	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	1.7	J	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	18.		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: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-02 Date Collected: 06/08/21 00:00

Client ID: DUP-6.8.21 Date Received: 06/10/21

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	ND		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	3.3		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	83		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	85		41-149

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-02
Client ID: DUP-6.8.21
Sample Location: ROCHESTER, NY

Date Collected: 06/08/21 00:00
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/17/21 22:12
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/14/21 00:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	29		ug/l	0.10	0.01	1
2-Chloronaphthalene	0.30		ug/l	0.20	0.02	1
Fluoranthene	4.7		ug/l	0.10	0.02	1
Hexachlorobutadiene	0.07	J	ug/l	0.50	0.05	1
Naphthalene	1.8		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.56		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.13		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.34		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.21		ug/l	0.10	0.01	1
Chrysene	0.26		ug/l	0.10	0.01	1
Acenaphthylene	1.9		ug/l	0.10	0.01	1
Anthracene	2.8		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.09	J	ug/l	0.10	0.01	1
Fluorene	23		ug/l	0.10	0.01	1
Phenanthrene	9.5		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.11		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.15		ug/l	0.10	0.01	1
Pyrene	3.1		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.20		ug/l	0.10	0.02	1
Pentachlorophenol	0.32	J	ug/l	0.80	0.01	1
Hexachlorobenzene	1.1		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-02 Date Collected: 06/08/21 00:00

Client ID: DUP-6.8.21 Date Received: 06/10/21

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	69		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	115		10-120
4-Terphenyl-d14	85		41-149

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-05
Client ID: RIBW-02R-6.9.21
Sample Location: ROCHESTER, NY

Date Collected: 06/09/21 15:55
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 06/15/21 14:49
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/15/21 01:01

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	57.		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	110		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: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-05 Date Collected: 06/09/21 15:55

Client ID: RIBW-02R-6.9.21 Date Received: 06/10/21

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	2.0	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	0.92	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	46.		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	57		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	77		41-149

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-05
Client ID: RIBW-02R-6.9.21
Sample Location: ROCHESTER, NY

Date Collected: 06/09/21 15:55
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/17/21 23:28
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/15/21 01:03

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	5.5		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	110	E	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.49		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.19		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.21		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.10		ug/l	0.10	0.01	1
Chrysene	0.33		ug/l	0.10	0.01	1
Acenaphthylene	8.9		ug/l	0.10	0.01	1
Anthracene	4.9		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.06	J	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	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.07	J	ug/l	0.10	0.01	1
Pyrene	3.3		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.88		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: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-05 Date Collected: 06/09/21 15:55

Client ID: RIBW-02R-6.9.21 Date Received: 06/10/21

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	54		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	109		10-120
4-Terphenyl-d14	73		41-149

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

SAMPLE RESULTS

Lab ID: L2131462-05 D
Client ID: RIBW-02R-6.9.21
Sample Location: ROCHESTER, NY

Date Collected: 06/09/21 15:55
Date Received: 06/10/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/01/21 14:15
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/15/21 01:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	140		ug/l	0.50	0.07	5
Naphthalene	96		ug/l	0.50	0.24	5
Fluorene	93		ug/l	0.50	0.07	5

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/13/21 19:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/13/21 01:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1511418-1					
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: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/13/21 19:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/13/21 01:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1511418-1					
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	64		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	89		41-149

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 06/14/21 17:53
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/13/21 01:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02 Batch: WG1511419-1					
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: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 06/14/21 17:53
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/13/21 01:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02 Batch: WG1511419-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		21-120
Phenol-d6	65		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	**131**	Q	10-120
4-Terphenyl-d14	104		41-149

Project Name: FORMER SHERWOOD SHOE **Lab Number:** L2131462

Project Number: 2172056 **Report Date:** 07/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/15/21 00:22
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/14/21 01:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,05 Batch: WG1511558-1					
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: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/15/21 00:22
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 06/14/21 01:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,05 Batch: WG1511558-1					
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	61		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	72		41-149

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 06/14/21 21:12
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/14/21 01:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,05 Batch: WG1511559-1					
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: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 06/14/21 21:12
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/14/21 01:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,05 Batch: WG1511559-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	50		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	61		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1511418-2 WG1511418-3								
Bis(2-chloroethyl)ether	53		58		40-140	9		30
3,3'-Dichlorobenzidine	77		75		40-140	3		30
2,4-Dinitrotoluene	70		70		48-143	0		30
2,6-Dinitrotoluene	70		69		40-140	1		30
4-Chlorophenyl phenyl ether	77		78		40-140	1		30
4-Bromophenyl phenyl ether	82		80		40-140	2		30
Bis(2-chloroisopropyl)ether	**39**	Q	44		40-140	12		30
Bis(2-chloroethoxy)methane	54		56		40-140	4		30
Hexachlorocyclopentadiene	70		74		40-140	6		30
Isophorone	53		56		40-140	6		30
Nitrobenzene	53		59		40-140	11		30
NDPA/DPA	76		72		40-140	5		30
n-Nitrosodi-n-propylamine	55		58		29-132	5		30
Bis(2-ethylhexyl)phthalate	65		62		40-140	5		30
Butyl benzyl phthalate	67		54		40-140	21		30
Di-n-butylphthalate	64		58		40-140	10		30
Di-n-octylphthalate	65		58		40-140	11		30
Diethyl phthalate	69		66		40-140	4		30
Dimethyl phthalate	73		70		40-140	4		30
Biphenyl	71		73		40-140	3		30
4-Chloroaniline	**33**	Q	49		40-140	**39**	Q	30
2-Nitroaniline	66		65		52-143	2		30
3-Nitroaniline	60		61		25-145	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1511418-2 WG1511418-3								
4-Nitroaniline	63		57		51-143	10		30
Dibenzofuran	76		78		40-140	3		30
1,2,4,5-Tetrachlorobenzene	79		83		2-134	5		30
Acetophenone	60		65		39-129	8		30
2,4,6-Trichlorophenol	77		75		30-130	3		30
p-Chloro-m-cresol	69		67		23-97	3		30
2-Chlorophenol	66		70		27-123	6		30
2,4-Dichlorophenol	72		73		30-130	1		30
2,4-Dimethylphenol	58		61		30-130	5		30
2-Nitrophenol	64		68		30-130	6		30
4-Nitrophenol	53		51		10-80	4		30
2,4-Dinitrophenol	65		68		20-130	5		30
4,6-Dinitro-o-cresol	61		61		20-164	0		30
Phenol	47		50		12-110	6		30
2-Methylphenol	62		63		30-130	2		30
3-Methylphenol/4-Methylphenol	63		65		30-130	3		30
2,4,5-Trichlorophenol	80		78		30-130	3		30
Carbazole	75		68		55-144	10		30
Atrazine	76		65		40-140	16		30
Benzaldehyde	58		65		40-140	11		30
Caprolactam	19		20		10-130	5		30
2,3,4,6-Tetrachlorophenol	80		76		40-140	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131462

Report Date: 07/01/21

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1511418-2 WG1511418-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		73		21-120
Phenol-d6	54		58		10-120
Nitrobenzene-d5	65		71		23-120
2-Fluorobiphenyl	87		87		15-120
2,4,6-Tribromophenol	104		99		10-120
4-Terphenyl-d14	92		79		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

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 Batch: WG1511419-2 WG1511419-3								
Acenaphthene	82		82		40-140	0		40
2-Chloronaphthalene	87		86		40-140	1		40
Fluoranthene	87		85		40-140	2		40
Hexachlorobutadiene	74		74		40-140	0		40
Naphthalene	79		79		40-140	0		40
Benzo(a)anthracene	83		81		40-140	2		40
Benzo(a)pyrene	89		88		40-140	1		40
Benzo(b)fluoranthene	84		85		40-140	1		40
Benzo(k)fluoranthene	90		86		40-140	5		40
Chrysene	83		84		40-140	1		40
Acenaphthylene	79		79		40-140	0		40
Anthracene	85		86		40-140	1		40
Benzo(ghi)perylene	94		95		40-140	1		40
Fluorene	84		85		40-140	1		40
Phenanthrene	80		80		40-140	0		40
Dibenzo(a,h)anthracene	98		100		40-140	2		40
Indeno(1,2,3-cd)pyrene	98		97		40-140	1		40
Pyrene	86		84		40-140	2		40
2-Methylnaphthalene	80		82		40-140	2		40
Pentachlorophenol	101		102		40-140	1		40
Hexachlorobenzene	80		80		40-140	0		40
Hexachloroethane	77		78		40-140	1		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131462

Report Date: 07/01/21

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 Batch: WG1511419-2 WG1511419-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		84		21-120
Phenol-d6	76		73		10-120
Nitrobenzene-d5	94		94		23-120
2-Fluorobiphenyl	88		94		15-120
2,4,6-Tribromophenol	**147**	Q	**146**	Q	10-120
4-Terphenyl-d14	104		100		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131462

Report Date: 07/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05 Batch: WG1511558-2 WG1511558-3								
Bis(2-chloroethyl)ether	79		79		40-140	0		30
3,3'-Dichlorobenzidine	63		65		40-140	3		30
2,4-Dinitrotoluene	76		77		48-143	1		30
2,6-Dinitrotoluene	74		74		40-140	0		30
4-Chlorophenyl phenyl ether	70		73		40-140	4		30
4-Bromophenyl phenyl ether	70		73		40-140	4		30
Bis(2-chloroisopropyl)ether	102		103		40-140	1		30
Bis(2-chloroethoxy)methane	80		80		40-140	0		30
Hexachlorocyclopentadiene	76		70		40-140	8		30
Isophorone	74		73		40-140	1		30
Nitrobenzene	88		85		40-140	3		30
NDPA/DPA	70		70		40-140	0		30
n-Nitrosodi-n-propylamine	89		87		29-132	2		30
Bis(2-ethylhexyl)phthalate	76		81		40-140	6		30
Butyl benzyl phthalate	74		75		40-140	1		30
Di-n-butylphthalate	68		71		40-140	4		30
Di-n-octylphthalate	70		73		40-140	4		30
Diethyl phthalate	74		72		40-140	3		30
Dimethyl phthalate	71		70		40-140	1		30
Biphenyl	70		70		40-140	0		30
4-Chloroaniline	62		60		40-140	3		30
2-Nitroaniline	78		77		52-143	1		30
3-Nitroaniline	63		65		25-145	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05 Batch: WG1511558-2 WG1511558-3								
4-Nitroaniline	70		72		51-143	3		30
Dibenzofuran	69		69		40-140	0		30
1,2,4,5-Tetrachlorobenzene	71		74		2-134	4		30
Acetophenone	71		69		39-129	3		30
2,4,6-Trichlorophenol	82		75		30-130	9		30
p-Chloro-m-cresol	89		88		23-97	1		30
2-Chlorophenol	81		77		27-123	5		30
2,4-Dichlorophenol	80		75		30-130	6		30
2,4-Dimethylphenol	71		70		30-130	1		30
2-Nitrophenol	87		82		30-130	6		30
4-Nitrophenol	**89**	Q	**84**	Q	10-80	6		30
2,4-Dinitrophenol	85		78		20-130	9		30
4,6-Dinitro-o-cresol	89		89		20-164	0		30
Phenol	72		69		12-110	4		30
2-Methylphenol	80		76		30-130	5		30
3-Methylphenol/4-Methylphenol	79		78		30-130	1		30
2,4,5-Trichlorophenol	83		80		30-130	4		30
Carbazole	71		72		55-144	1		30
Atrazine	84		84		40-140	0		30
Benzaldehyde	73		70		40-140	4		30
Caprolactam	59		59		10-130	0		30
2,3,4,6-Tetrachlorophenol	81		79		40-140	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131462

Report Date: 07/01/21

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05 Batch: WG1511558-2 WG1511558-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		75		21-120
Phenol-d6	71		72		10-120
Nitrobenzene-d5	87		83		23-120
2-Fluorobiphenyl	69		69		15-120
2,4,6-Tribromophenol	71		76		10-120
4-Terphenyl-d14	73		77		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131462

Report Date: 07/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,05 Batch: WG1511559-2 WG1511559-3								
Acenaphthene	85		83		40-140	2		40
2-Chloronaphthalene	81		79		40-140	3		40
Fluoranthene	90		86		40-140	5		40
Hexachlorobutadiene	94		92		40-140	2		40
Naphthalene	79		78		40-140	1		40
Benzo(a)anthracene	89		87		40-140	2		40
Benzo(a)pyrene	97		95		40-140	2		40
Benzo(b)fluoranthene	92		86		40-140	7		40
Benzo(k)fluoranthene	93		95		40-140	2		40
Chrysene	93		92		40-140	1		40
Acenaphthylene	80		76		40-140	5		40
Anthracene	95		92		40-140	3		40
Benzo(ghi)perylene	98		98		40-140	0		40
Fluorene	85		83		40-140	2		40
Phenanthrene	87		85		40-140	2		40
Dibenzo(a,h)anthracene	99		99		40-140	0		40
Indeno(1,2,3-cd)pyrene	96		94		40-140	2		40
Pyrene	92		88		40-140	4		40
2-Methylnaphthalene	78		76		40-140	3		40
Pentachlorophenol	86		89		40-140	3		40
Hexachlorobenzene	105		104		40-140	1		40
Hexachloroethane	83		82		40-140	1		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131462

Report Date: 07/01/21

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

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,05 Batch: WG1511559-2 WG1511559-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		64		21-120
Phenol-d6	58		56		10-120
Nitrobenzene-d5	84		77		23-120
2-Fluorobiphenyl	79		75		15-120
2,4,6-Tribromophenol	94		102		10-120
4-Terphenyl-d14	84		78		41-149

Matrix Spike Analysis
Batch Quality Control

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056
Lab Number: L2131462
Report Date: 07/01/21

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): 01,05 QC Batch ID: WG1511558-4 WG1511558-5 QC Sample: L2131462-01 Client ID: RIBW-01R-6.8.21												
Bis(2-chloroethyl)ether	ND	18.2	14	77		15	83		40-140	7		30
3,3'-Dichlorobenzidine	ND	18.2	12	66		13	72		40-140	8		30
2,4-Dinitrotoluene	ND	18.2	14	77		16	88		48-143	13		30
2,6-Dinitrotoluene	ND	18.2	14	77		15	83		40-140	7		30
4-Chlorophenyl phenyl ether	ND	18.2	13	72		14	77		40-140	7		30
4-Bromophenyl phenyl ether	ND	18.2	13	72		14	77		40-140	7		30
Bis(2-chloroisopropyl)ether	ND	18.2	19	100		20	110		40-140	5		30
Bis(2-chloroethoxy)methane	ND	18.2	14	77		16	88		40-140	13		30
Hexachlorocyclopentadiene	ND	18.2	13.J	72		14.J	77		40-140	7		30
Isophorone	ND	18.2	14	77		14	77		40-140	0		30
Nitrobenzene	ND	18.2	16	88		17	94		40-140	6		30
NDPA/DPA	ND	18.2	14	77		14	77		40-140	0		30
n-Nitrosodi-n-propylamine	ND	18.2	16	88		16	88		29-132	0		30
Bis(2-ethylhexyl)phthalate	ND	18.2	15	83		17	94		40-140	13		30
Butyl benzyl phthalate	ND	18.2	16	88		17	94		40-140	6		30
Di-n-butylphthalate	ND	18.2	14	77		15	83		40-140	7		30
Di-n-octylphthalate	ND	18.2	15	83		16	88		40-140	6		30
Diethyl phthalate	ND	18.2	14	77		14	77		40-140	0		30
Dimethyl phthalate	ND	18.2	12	66		13	72		40-140	8		30
Biphenyl	1.8J	18.2	14	77		14	77		40-140	0		30
4-Chloroaniline	ND	18.2	12	66		12	66		40-140	0		30
2-Nitroaniline	ND	18.2	15	83		15	83		52-143	0		30
3-Nitroaniline	ND	18.2	12	66		13	72		25-145	8		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131462

Report Date: 07/01/21

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): 01,05 QC Batch ID: WG1511558-4 WG1511558-5 QC Sample: L2131462-01 Client ID: RIBW-01R-6.8.21												
4-Nitroaniline	ND	18.2	14	77		14	77		51-143	0		30
Dibenzofuran	20	18.2	30	55		25	**28**	Q	40-140	18		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	12	66		13	72		2-134	8		30
Acetophenone	ND	18.2	13	72		14	77		39-129	7		30
2,4,6-Trichlorophenol	ND	18.2	15	83		15	83		30-130	0		30
p-Chloro-m-cresol	ND	18.2	17	94		17	94		23-97	0		30
2-Chlorophenol	ND	18.2	14	77		15	83		27-123	7		30
2,4-Dichlorophenol	ND	18.2	15	83		15	83		30-130	0		30
2,4-Dimethylphenol	ND	18.2	16	88		16	88		30-130	0		30
2-Nitrophenol	ND	18.2	16	88		16	88		30-130	0		30
4-Nitrophenol	ND	18.2	18	**99**	Q	20	**110**	Q	10-80	11		30
2,4-Dinitrophenol	ND	18.2	19.J	100		20	110		20-130	5		30
4,6-Dinitro-o-cresol	ND	18.2	17	94		19	100		20-164	11		30
Phenol	ND	18.2	13	72		14	77		12-110	7		30
2-Methylphenol	ND	18.2	14	77		16	88		30-130	13		30
3-Methylphenol/4-Methylphenol	ND	18.2	14	77		15	83		30-130	7		30
2,4,5-Trichlorophenol	ND	18.2	14	77		15	83		30-130	7		30
Carbazole	4.0	18.2	18	77		18	77		55-144	0		30
Atrazine	ND	18.2	16	88		16	88		40-140	0		30
Benzaldehyde	ND	18.2	14	77		14	77		40-140	0		30
Caprolactam	ND	18.2	12	66		13	72		10-130	8		30
2,3,4,6-Tetrachlorophenol	ND	18.2	15	83		17	94		40-140	13		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131462

Report Date: 07/01/21

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): 01,05 QC Batch ID: WG1511558-4 WG1511558-5 QC Sample: L2131462-01 Client ID: RIBW-01R-6.8.21												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	78		77		10-120
2-Fluorobiphenyl	68		69		15-120
2-Fluorophenol	80		78		21-120
4-Terphenyl-d14	77		81		41-149
Nitrobenzene-d5	89		92		23-120
Phenol-d6	75		76		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131462

Report Date: 07/01/21

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): 01,05 QC Batch ID: WG1511559-4 WG1511559-5 QC Sample: L2131462-01 Client ID: RIBW-01R-6.8.21												
Acenaphthene	32	18.2	43	61		38	**33**	Q	40-140	12		40
2-Chloronaphthalene	ND	18.2	13	72		14	77		40-140	7		40
Fluoranthene	3.8	18.2	19	84		20	89		40-140	5		40
Hexachlorobutadiene	ND	18.2	15	83		16	88		40-140	6		40
Naphthalene	1.7	18.2	14	68		15	73		40-140	7		40
Benzo(a)anthracene	0.11	18.2	16	87		17	93		40-140	6		40
Benzo(a)pyrene	ND	18.2	17	94		19	100		40-140	11		40
Benzo(b)fluoranthene	ND	18.2	17	94		18	99		40-140	6		40
Benzo(k)fluoranthene	ND	18.2	15	83		17	94		40-140	13		40
Chrysene	0.05J	18.2	15	83		17	94		40-140	13		40
Acenaphthylene	1.9	18.2	15	72		15	72		40-140	0		40
Anthracene	1.8	18.2	17	84		18	89		40-140	6		40
Benzo(ghi)perylene	ND	18.2	18	99		20	110		40-140	11		40
Fluorene	25	18.2	38	72		33	44		40-140	14		40
Phenanthrene	10	18.2	24	77		22	66		40-140	9		40
Dibenzo(a,h)anthracene	ND	18.2	17	94		19	100		40-140	11		40
Indeno(1,2,3-cd)pyrene	ND	18.2	18	99		20	110		40-140	11		40
Pyrene	2.2	18.2	18	87		19	92		40-140	5		40
2-Methylnaphthalene	0.03J	18.2	12	66		13	72		40-140	8		40
Pentachlorophenol	ND	18.2	18	99		19	100		40-140	5		40
Hexachlorobenzene	ND	18.2	18	99		19	100		40-140	5		40
Hexachloroethane	ND	18.2	13	72		13	72		40-140	0		40

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE

Project Number: 2172056

Lab Number: L2131462

Report Date: 07/01/21

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): 01,05 QC Batch ID: WG1511559-4 WG1511559-5 QC Sample: L2131462-01 Client ID: RIBW-01R-6.8.21												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	113		**122**	Q	10-120
2-Fluorobiphenyl	71		74		15-120
2-Fluorophenol	62		66		21-120
4-Terphenyl-d14	77		83		41-149
Nitrobenzene-d5	74		77		23-120
Phenol-d6	59		62		10-120

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056

Lab Number: L2131462
Report Date: 07/01/21

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(*)
L2131462-01A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-01A1	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-01A2	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-01B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-01B1	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-01B2	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-01C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-01C1	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-01C2	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-01D	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2131462-01D1	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2131462-01D2	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2131462-01E	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2131462-01E1	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2131462-01E2	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2131462-02A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-02B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-02C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-02D	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2131462-02E	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2131462-03A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-03B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-03C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER SHERWOOD SHOE
Project Number: 2172056

Lab Number: L2131462
Report Date: 07/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2131462-04A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-04B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-04C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-05A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-05B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-05C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-05D	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2131462-05E	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2131462-06A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-07A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2131462-07B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	FORMER SHERWOOD SHOE	**Lab Number:**	L2131462
Project Number:	2172056	**Report Date:**	07/01/21

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:	FORMER SHERWOOD SHOE	**Lab Number:**	L2131462
Project Number:	2172056	**Report Date:**	07/01/21

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.

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'.

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.

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.)

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 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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	FORMER SHERWOOD SHOE	**Lab Number:**	L2131462
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Data Qualifiers

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.

REFERENCES

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

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: 6/11/21

ALPHA Job #: L2131462

Client Information
Client: LABELLA ASSOCIATES
Address: 300 STATE STREET, ROCHESTER, NY 14614
Phone: 585-454-6110
Fax:
Email: ABRETT@LABELLAPC.COM

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

Turn-Around Time
Standard
Rush (only if pre approved)
Due Date:
# 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:
- Extra Sample volume for RIBW-01R-6.8.21 for MS/MSD
- ASP CAT B + EQuIS EDD

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	TCL+CP-51 VOCs w/ 1,4-D	TCL+CP-51 SVOCs w/ 8270	Sample Specific Comments	Total Bottle
31462-01	RIBW-01R-6.8.21	6/8/21	1435	GW	AGB	X	X	Perform MS/MSD	15
-02	DUP-6.8.21	6/8/21	—	GW	AGB	X	X		5
-03	RIBW-03-6.9.21	6/9/21	0955	GW	AGB	X			3
-04	MW-06R-6.9.21	6/9/21	1156	GW	AG3	X			3
-05	RIBW-02-6.9.21	6/9/21	1555	GW	AGB	X	X		5
-06	MW-08R-6.10.21	6/10/21	0830	GW	AGB	X			1
-07	Trip Blank	6/8/21	0800	GW	AG3	X			2

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	V	A											
Preservative	B	A											

Relinquished By:	Date/Time	Received By:	Date/Time
	6/10/21 1723	RCunningham AAL	6/10/21 1725
RCunningham AAL	6/10/21 1725		6/11/21 0010

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:	L2170811
Client:	LaBella Associates, P.C. 105 N. Tioga Suite 200 Ithaca, NY 14850
ATTN:	Alexander Brett
Phone:	(585) 454-6110
Project Name:	FORMER SHERWOOD SHOE (625 S. G
Project Number:	2172056
Report Date:	01/07/22

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056

Lab Number: L2170811
Report Date: 01/07/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2170811-01	RIBW-02-121621	WATER	ROCHESTER, NY	12/16/21 08:05	12/17/21
L2170811-02	DUPE-121621	WATER	ROCHESTER, NY	12/16/21 00:00	12/17/21
L2170811-03	MW-08R-121621	WATER	ROCHESTER, NY	12/16/21 09:35	12/17/21
L2170811-04	MW-06R-121621	WATER	ROCHESTER, NY	12/16/21 10:05	12/17/21
L2170811-05	RIBW-03-121621	WATER	ROCHESTER, NY	12/16/21 09:30	12/17/21
L2170811-06	RIBW-01R-121621	WATER	ROCHESTER, NY	12/16/21 08:45	12/17/21
L2170811-07	EQUIPMENT BLANK-121621	WATER	ROCHESTER, NY	12/16/21 13:20	12/17/21
L2170811-08	FIELD BLANK	WATER	ROCHESTER, NY	12/16/21 13:15	12/17/21

Project Name:	FORMER SHERWOOD SHOE (625 S. G	**Lab Number:**	L2170811
Project Number:	2172056	**Report Date:**	01/07/22

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:	FORMER SHERWOOD SHOE (625 S. G	**Lab Number:**	L2170811
Project Number:	2172056	**Report Date:**	01/07/22

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.

Sample Receipt

L2170811-06: The sample identified as "RIBW-01-121621" on the chain of custody was identified as "RIBW-01R-121621" on the container label. At the client's request, the sample is reported as "RIBW-01R-121621".

L2170811-08: A sample identified as "FIELD BLANK" was received, but not listed on the Chain of Custody. At the client's request, this sample was not analyzed.

Perfluorinated Alkyl Acids by Isotope Dilution

L2170811-01, -02, -03, -04, -05, and -06: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2170811-01, -02, -03, -04, -05, and -06: The sample was centrifuged and decanted prior to extraction due to sample matrix.

WG1588145-3 and WG1588145-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1588145-3 and WG1588145-4: 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: Susan E O'Neil Susan O' Neil

Title: Technical Director/Representative Date: 01/07/22

ORGANICS

SEMIVOLATILES

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2170811
Report Date: 01/07/22

SAMPLE RESULTS

Lab ID: L2170811-01
Client ID: RIBW-02-121621
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 08:05
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/21 23:04
Analyst:

Extraction Method: ALPHA 23528
Extraction Date: 12/28/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.59		ng/l	1.76	0.360	1
Perfluoropentanoic Acid (PFPeA)	3.03		ng/l	1.76	0.349	1
Perfluorobutanesulfonic Acid (PFBS)	2.34		ng/l	1.76	0.210	1
Perfluorohexanoic Acid (PFHxA)	1.44	J	ng/l	1.76	0.289	1
Perfluoroheptanoic Acid (PFHpA)	0.987	J	ng/l	1.76	0.198	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.76	0.331	1
Perfluorooctanoic Acid (PFOA)	1.63	J	ng/l	1.76	0.208	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.76	1.17	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.76	0.606	1
Perfluorononanoic Acid (PFNA)	0.557	J	ng/l	1.76	0.275	1
Perfluorooctanesulfonic Acid (PFOS)	1.45	J	ng/l	1.76	0.444	1
Perfluorodecanoic Acid (PFDA)	1.16	J	ng/l	1.76	0.268	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.76	1.07	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.76	0.571	1
Perfluoroundecanoic Acid (PFUnA)	0.250	J	ng/l	1.76	0.229	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.76	0.864	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.76	0.511	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.76	0.709	1
Perfluorododecanoic Acid (PFDoA)	0.398	J	ng/l	1.76	0.328	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.76	0.288	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.76	0.219	1
PFOA/PFOS, Total	3.08	J	ng/l	1.76	0.208	1

Project Name: FORMER SHERWOOD SHOE (625 S. G **Lab Number:** L2170811

Project Number: 2172056 **Report Date:** 01/07/22

SAMPLE RESULTS

Lab ID: L2170811-01 Date Collected: 12/16/21 08:05

Client ID: RIBW-02-121621 Date Received: 12/17/21

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)	108		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	80		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**288**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	104		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)	**224**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	103		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	26		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	95		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81		22-136

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2170811
Report Date: 01/07/22

SAMPLE RESULTS

Lab ID: L2170811-02
Client ID: DUPE-121621
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 00:00
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/21 23:53
Analyst:

Extraction Method: ALPHA 23528
Extraction Date: 12/28/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.00		ng/l	1.72	0.351	1
Perfluoropentanoic Acid (PFPeA)	3.25		ng/l	1.72	0.341	1
Perfluorobutanesulfonic Acid (PFBS)	2.66		ng/l	1.72	0.205	1
Perfluorohexanoic Acid (PFHxA)	1.42	J	ng/l	1.72	0.282	1
Perfluoroheptanoic Acid (PFHpA)	0.765	J	ng/l	1.72	0.194	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.72	0.324	1
Perfluorooctanoic Acid (PFOA)	1.92		ng/l	1.72	0.203	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.72	1.15	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.72	0.592	1
Perfluorononanoic Acid (PFNA)	0.558	J	ng/l	1.72	0.269	1
Perfluorooctanesulfonic Acid (PFOS)	1.54	J	ng/l	1.72	0.434	1
Perfluorodecanoic Acid (PFDA)	0.885	J	ng/l	1.72	0.262	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.72	1.04	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.72	0.558	1
Perfluoroundecanoic Acid (PFUnA)	0.272	J	ng/l	1.72	0.224	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.72	0.844	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.72	0.500	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.72	0.692	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.72	0.320	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.72	0.282	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.72	0.214	1
PFOA/PFOS, Total	3.46	J	ng/l	1.72	0.203	1

Project Name: FORMER SHERWOOD SHOE (625 S. G **Lab Number:** L2170811

Project Number: 2172056 **Report Date:** 01/07/22

SAMPLE RESULTS

Lab ID: L2170811-02 Date Collected: 12/16/21 00:00

Client ID: DUPE-121621 Date Received: 12/17/21

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)	105		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	102		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	80		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	104		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**304**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	109		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)	**218**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	110		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)	86		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	95		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		22-136

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2170811
Report Date: 01/07/22

SAMPLE RESULTS

Lab ID: L2170811-03
Client ID: MW-08R-121621
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 09:35
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/30/21 00:10
Analyst:

Extraction Method: ALPHA 23528
Extraction Date: 12/28/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	13.9		ng/l	1.89	0.385	1
Perfluoropentanoic Acid (PFPeA)	12.2		ng/l	1.89	0.374	1
Perfluorobutanesulfonic Acid (PFBS)	2.99		ng/l	1.89	0.224	1
Perfluorohexanoic Acid (PFHxA)	9.01		ng/l	1.89	0.309	1
Perfluoroheptanoic Acid (PFHpA)	3.98		ng/l	1.89	0.212	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.89	0.355	1
Perfluorooctanoic Acid (PFOA)	3.10		ng/l	1.89	0.223	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.52	J	ng/l	1.89	1.26	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.89	0.649	1
Perfluorononanoic Acid (PFNA)	0.449	J	ng/l	1.89	0.294	1
Perfluorooctanesulfonic Acid (PFOS)	1.03	J	ng/l	1.89	0.475	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.89	0.287	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.89	1.14	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.89	0.611	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.89	0.245	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.89	0.924	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.89	0.547	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.89	0.758	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.89	0.351	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.89	0.309	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.89	0.234	1
PFOA/PFOS, Total	4.13	J	ng/l	1.89	0.223	1

Project Name: FORMER SHERWOOD SHOE (625 S. G **Lab Number:** L2170811

Project Number: 2172056 **Report Date:** 01/07/22

SAMPLE RESULTS

Lab ID: L2170811-03 Date Collected: 12/16/21 09:35

Client ID: MW-08R-121621 Date Received: 12/17/21

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)	91		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	95		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	82		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**262**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		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)	148		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	70		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	83		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	13		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	63		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	76		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	71		22-136

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2170811
Report Date: 01/07/22

SAMPLE RESULTS

Lab ID: L2170811-04
Client ID: MW-06R-121621
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 10:05
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/30/21 00:26
Analyst:

Extraction Method: ALPHA 23528
Extraction Date: 12/28/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	30.3		ng/l	1.91	0.389	1
Perfluoropentanoic Acid (PFPeA)	21.1		ng/l	1.91	0.378	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.91	0.227	1
Perfluorohexanoic Acid (PFHxA)	14.5		ng/l	1.91	0.313	1
Perfluoroheptanoic Acid (PFHpA)	1.01	J	ng/l	1.91	0.215	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.91	0.359	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.91	0.225	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.91	1.27	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.91	0.656	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.91	0.298	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.91	0.481	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.91	0.290	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.91	1.16	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.91	0.618	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.91	0.248	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.91	0.935	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.91	0.553	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.91	0.767	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.91	0.355	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.91	0.312	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.91	0.236	1
PFOA/PFOS, Total	ND		ng/l	1.91	0.225	1

Project Name: FORMER SHERWOOD SHOE (625 S. G **Lab Number:** L2170811

Project Number: 2172056 **Report Date:** 01/07/22

SAMPLE RESULTS

Lab ID: L2170811-04 Date Collected: 12/16/21 10:05

Client ID: MW-06R-121621 Date Received: 12/17/21

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)	85		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	92		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	78		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	82		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	90		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**204**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	90		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	100		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	65		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	81		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	13		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	73		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	74		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	72		22-136

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2170811
Report Date: 01/07/22

SAMPLE RESULTS

Lab ID: L2170811-05
Client ID: RIBW-03-121621
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 09:30
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/30/21 00:43
Analyst:

Extraction Method: ALPHA 23528
Extraction Date: 12/28/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	195		ng/l	1.74	0.355	1
Perfluoropentanoic Acid (PFPeA)	634		ng/l	1.74	0.345	1
Perfluorobutanesulfonic Acid (PFBS)	0.902	J	ng/l	1.74	0.207	1
Perfluorohexanoic Acid (PFHxA)	281		ng/l	1.74	0.286	1
Perfluoroheptanoic Acid (PFHpA)	126		ng/l	1.74	0.196	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.74	0.327	1
Perfluorooctanoic Acid (PFOA)	10.3		ng/l	1.74	0.205	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.62	J	ng/l	1.74	1.16	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.74	0.599	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.74	0.272	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.74	0.439	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.74	0.265	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.74	1.06	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.74	0.564	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.74	0.226	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.74	0.853	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.74	0.505	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.74	0.700	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.74	0.324	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.74	0.285	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.74	0.216	1
PFOA/PFOS, Total	10.3		ng/l	1.74	0.205	1

Project Name: FORMER SHERWOOD SHOE (625 S. G **Lab Number:** L2170811

Project Number: 2172056 **Report Date:** 01/07/22

SAMPLE RESULTS

Lab ID: L2170811-05 Date Collected: 12/16/21 09:30

Client ID: RIBW-03-121621 Date Received: 12/17/21

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)	89		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	68		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**299**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	93		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**190**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	112		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	29		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	95		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	68		22-136

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2170811
Report Date: 01/07/22

SAMPLE RESULTS

Lab ID: L2170811-06
Client ID: RIBW-01R-121621
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 08:45
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/30/21 00:59
Analyst:

Extraction Method: ALPHA 23528
Extraction Date: 12/28/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	6.75		ng/l	2.00	0.409	1
Perfluoropentanoic Acid (PFPeA)	2.39		ng/l	2.00	0.397	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238	1
Perfluorohexanoic Acid (PFHxA)	0.978	J	ng/l	2.00	0.329	1
Perfluoroheptanoic Acid (PFHpA)	0.281	J	ng/l	2.00	0.226	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.377	1
Perfluorooctanoic Acid (PFOA)	0.245	J	ng/l	2.00	0.236	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.34	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.690	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.313	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.505	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.305	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.22	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.650	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.261	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.982	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.581	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.806	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.373	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.328	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.249	1
PFOA/PFOS, Total	0.245	J	ng/l	2.00	0.236	1

Project Name: FORMER SHERWOOD SHOE (625 S. G **Lab Number:** L2170811

Project Number: 2172056 **Report Date:** 01/07/22

SAMPLE RESULTS

Lab ID: L2170811-06 Date Collected: 12/16/21 08:45

Client ID: RIBW-01R-121621 Date Received: 12/17/21

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)	97		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	78		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**162**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	83		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86		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)	85		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	72		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	79		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	21		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	80		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	83		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74		22-136

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2170811
Report Date: 01/07/22

SAMPLE RESULTS

Lab ID: L2170811-07
Client ID: EQUIPMENT BLANK-121621
Sample Location: ROCHESTER, NY

Date Collected: 12/16/21 13:20
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/30/21 01:16
Analyst:

Extraction Method: ALPHA 23528
Extraction Date: 12/28/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.84	0.374	1
Perfluoropentanoic Acid (PFPeA)	0.492	J	ng/l	1.84	0.363	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.84	0.218	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.84	0.301	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.84	0.207	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.84	0.345	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	0.631	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.84	0.286	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.84	0.462	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.279	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.595	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.239	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.899	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.532	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.738	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.341	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.300	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: FORMER SHERWOOD SHOE (625 S. G **Lab Number:** L2170811

Project Number: 2172056 **Report Date:** 01/07/22

SAMPLE RESULTS

Lab ID: L2170811-07 Date Collected: 12/16/21 13:20

Client ID: EQUIPMENT BLANK-121621 Date Received: 12/17/21

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)	120		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	111		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	106		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	112		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	103		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	85		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	103		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	112		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)	92		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	92		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	105		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	36		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	105		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	80		22-136

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056

Lab Number: L2170811
Report Date: 01/07/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/03/22 16:16
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/28/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-07 Batch: WG1588145-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	61		10-112

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2170811
Report Date: 01/07/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/21 18:55
Analyst:

Extraction Method: ALPHA 23528
Extraction Date: 12/28/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-07 Batch: WG1588145-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	0.408	J	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: FORMER SHERWOOD SHOE (625 S. G **Lab Number:** L2170811

Project Number: 2172056 **Report Date:** 01/07/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/21 18:55
Analyst:

Extraction Method: ALPHA 23528
Extraction Date: 12/28/21 09:15

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-07 Batch: WG1588145-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	104		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	117		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	103		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	103		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	104		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	87		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	104		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101		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)	98		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	92		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	114		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	46		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	104		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	99		22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2170811

Report Date: 01/07/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-07 Batch: WG1588145-2								
Perfluorobutanoic Acid (PFBA)	103		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	101		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	102		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	100		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	104		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	106		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	98		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	95		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	99		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	107		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	101		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	113		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	100		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	104		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	97		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	99		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	98		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	107		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	110		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	108		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2170811

Report Date: 01/07/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-07 Batch: WG1588145-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	104				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	116				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	109				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	100				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	112				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	96				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	95				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	107				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	49				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	109				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	107				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	101				22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2170811

Report Date: 01/07/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-07 Batch: WG1588145-2								
Perfluorooctanesulfonamide (FOSA)	127		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	69				10-112

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2170811

Report Date: 01/07/22

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): 01-07 QC Batch ID: WG1588145-3 WG1588145-4 QC Sample: L2170811-01 Client ID: RIBW-02-121621												
Perfluorobutanoic Acid (PFBA)	8.59	35.8	46.3	105		44.7	102		67-148	4		30
Perfluoropentanoic Acid (PFPeA)	3.03	35.8	40.4	104		38.8	101		63-161	4		30
Perfluorobutanesulfonic Acid (PFBS)	2.34	31.8	35.6	105		35.1	105		65-157	1		30
Perfluorohexanoic Acid (PFHxA)	1.44J	35.8	37.4	100		36.7	100		69-168	2		30
Perfluoroheptanoic Acid (PFHpA)	0.987J	35.8	38.9	106		38.0	105		58-159	2		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	32.7	35.4	108		34.6	107		69-177	2		30
Perfluorooctanoic Acid (PFOA)	1.63J	35.8	39.1	105		36.0	98		63-159	8		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	34.1	37.9	111		37.4	111		49-187	1		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	34.1	32.7	96		32.4	96		61-179	1		30
Perfluorononanoic Acid (PFNA)	0.557J	35.8	37.6	103		40.0	112		68-171	6		30
Perfluorooctanesulfonic Acid (PFOS)	1.45J	33.2	38.2	111		36.0	106		52-151	6		30
Perfluorodecanoic Acid (PFDA)	1.16J	35.8	33.7	91		32.1	88		63-171	5		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	34.4	33.3	97		32.9	97		56-173	1		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	35.8	35.3	99		33.2	94		60-166	6		30
Perfluoroundecanoic Acid (PFUnA)	0.250J	35.8	35.4	98		33.4	94		60-153	6		30
Perfluorodecanesulfonic Acid (PFDS)	ND	34.5	34.8	101		30.1	89		38-156	14		30
Perfluorooctanesulfonamide (FOSA)	ND	35.8	37.7F	105		32.8F	93		46-170	14		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	35.8	40.2	112		32.6	92		45-170	21		30
Perfluorododecanoic Acid (PFDoA)	0.398J	35.8	34.2	94		35.2	99		67-153	3		30
Perfluorotridecanoic Acid (PFTrDA)	ND	35.8	35.9	100		36.4	103		48-158	1		30
Perfluorotetradecanoic Acid (PFTA)	ND	35.8	34.8	97		35.5	101		59-182	2		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2170811

Report Date: 01/07/22

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): 01-07 QC Batch ID: WG1588145-3 WG1588145-4 QC Sample: L2170811-01 Client ID: RIBW-02-121621

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)	**199**	Q	**167**	Q	10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**250**	Q	**246**	Q	14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	93		104		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	103		95		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		90		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100		97		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	76		77		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	85		84		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		101		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102		89		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	83		76		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	94		92		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		99		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	29		26		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		95		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		92		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		88		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		101		70-131

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2170811

Report Date: 01/07/22

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): 01-07 QC Batch ID: WG1588145-5 WG1588145-6 QC Sample: L2168789-03 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	4.12	35.6	39.1	98		40.9	100		67-148	4		30
Perfluoropentanoic Acid (PFPeA)	5.45	35.6	40.3	98		41.8	99		63-161	4		30
Perfluorobutanesulfonic Acid (PFBS)	9.56	31.6	40.7	99		42.7	102		65-157	5		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	33.3	35.6	107		37.0	108		37-219	4		30
Perfluorohexanoic Acid (PFHxA)	4.86	35.6	39.9	98		41.5	100		69-168	4		30
Perfluoropentanesulfonic Acid (PFPeS)	0.452J	33.4	28.7	84		30.6	87		52-156	6		30
Perfluoroheptanoic Acid (PFHpA)	4.99	35.6	41.2	102		41.9	101		58-159	2		30
Perfluorohexanesulfonic Acid (PFHxS)	2.66	32.5	35.9	102		38.0	105		69-177	6		30
Perfluorooctanoic Acid (PFOA)	9.39	35.6	43.3	95		44.6	96		63-159	3		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	33.9	35.5	105		38.2	109		49-187	7		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	33.9	29.8	88		33.6	96		61-179	12		30
Perfluorononanoic Acid (PFNA)	ND	35.6	37.2	105		38.4	105		68-171	3		30
Perfluorooctanesulfonic Acid (PFOS)	5.02	33	38.7	102		43.1	112		52-151	11		30
Perfluorodecanoic Acid (PFDA)	ND	35.6	31.2	88		33.1	90		63-171	6		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	34.2	32.2	94		33.9	96		56-173	5		30
Perfluorononanesulfonic Acid (PFNS)	ND	34.2	29.9	87		34.8	99		48-150	15		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	35.6	37.1	104		34.9	95		60-166	6		30
Perfluoroundecanoic Acid (PFUnA)	ND	35.6	36.7	103		36.4	99		60-153	1		30
Perfluorodecanesulfonic Acid (PFDS)	ND	34.3	29.5	86		35.9	102		38-156	20		30
Perfluorooctanesulfonamide (FOSA)	ND	35.6	32.0F	90		34.8	95		46-170	8		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	35.6	34.8	98		39.2	107		45-170	12		30
Perfluorododecanoic Acid (PFDoA)	ND	35.6	35.5	100		37.8	103		67-153	6		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2170811

Report Date: 01/07/22

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): 01-07 QC Batch ID: WG1588145-5 WG1588145-6 QC Sample: L2168789-03 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	35.6	40.3	113		42.6	116		48-158	6		30
Perfluorotetradecanoic Acid (PFTA)	ND	35.6	32.3	91		38.3	104		59-182	17		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)	**190**	Q	**172**	Q	10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**247**	Q	**241**	Q	12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**268**	Q	**239**	Q	14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	97		96		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	91		97		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	95		99		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	106		110		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	80		84		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88		92		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	117		111		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86		88		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	80		81		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	99		102		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97		99		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	13		13		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	116		103		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	103		102		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	101		107		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	111		108		70-131

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056

Lab Number: L2170811
Report Date: 01/07/22

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(*)
L2170811-01A	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-01A1	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-01A2	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-01B	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-01B1	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-01B2	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-02A	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-02B	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-03A	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-04A	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-04B	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-05A	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-05B	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-06A	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-06B	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-07A	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-07B	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		A2-NY-537-ISOTOPE(14)
L2170811-08A	Plastic 250ml unpreserved	A	NA		2.9	Y	Absent		HOLD-537(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056

Lab Number: L2170811
Report Date: 01/07/22

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:	FORMER SHERWOOD SHOE (625 S. G	**Lab Number:**	L2170811
Project Number:	2172056	**Report Date:**	01/07/22

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:	FORMER SHERWOOD SHOE (625 S. G	**Lab Number:**	L2170811
Project Number:	2172056	**Report Date:**	01/07/22

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.

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'.

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.

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.)

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 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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	FORMER SHERWOOD SHOE (625 S. G	**Lab Number:**	L2170811
Project Number:	2172056	**Report Date:**	01/07/22

Data Qualifiers

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:	FORMER SHERWOOD SHOE (625 S. G	**Lab Number:**	L2170811
Project Number:	2172056	**Report Date:**	01/07/22

REFERENCES

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

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8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
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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: 12/18/21

ALPHA Job #: L2170811

Client Information
Client: LaBella
Address: 300 State St. Rochester NY
Phone: 585-454-6110
Fax:
Email: ABrett@LaBellaPC.com

Project Information
Project Name: Former Sherwood Shoe (625 S. Goodman)
Project Location: Rochester NY
Project #: 217056
(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

Billing Information
☐ Same as Client Info
PO #

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

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	PFAS Method 537	Sample Specific Comments	Total Bottle
70811-01	RIBW-02-121621	12/16/21	805	GW	ALd	X	MS/MSD	6
-02	DUPE-121621	12/16/21	XX	GW	ALd	X		2
-03	MW-05R-121621		935			X	Dry well	1
-04	MW-06R-121621		1005			X		2
-05	RIBW-03-121621		930			X		2
-06	RIBW-01-121621		845			X		2
-07	Equipment Blank-121621	↓	1320	↓	↓	X		2

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
Alexander Brett	12/17/21 1536	SECURE STORAGE AAL	12/17/21 15:56
SECURE STORAGE AAL	12/17/21 17:11	R Cunningham AAL	12/17/21 17:11
R Cunningham AAL	12/17/21 17:11		12/18/21 00:50
Wendy Rooney	12/18/21 2:30	AAL	12/18/21 0335
AAL	12/18/21 0435		12/18/21 0430

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:	L2169922
Client:	LaBella Associates, P.C. 105 N. Tioga Suite 200 Ithaca, NY 14850
ATTN:	Alexander Brett
Phone:	(585) 454-6110
Project Name:	FORMER SHERWOOD SHOE (625 S. G
Project Number:	2172056
Report Date:	01/10/22

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: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056

Lab Number: L2169922
Report Date: 01/10/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2169922-01	DUPE-121721	WATER	ROCHESTER, NY	12/17/21 00:00	12/17/21
L2169922-02	RIBW-01R-121721	WATER	ROCHESTER, NY	12/17/21 09:25	12/17/21
L2169922-03	RIBW-02R-121721	WATER	ROCHESTER, NY	12/17/21 12:00	12/17/21
L2169922-04	MW-08R-121621	WATER	ROCHESTER, NY	12/16/21 11:00	12/17/21
L2169922-05	RIBW-03-121621	WATER	ROCHESTER, NY	12/16/21 12:35	12/17/21
L2169922-06	MW-06R-121721	WATER	ROCHESTER, NY	12/17/21 13:55	12/17/21
L2169922-07	TRIP BLANK	WATER	ROCHESTER, NY	12/16/21 06:00	12/17/21

Project Name:	FORMER SHERWOOD SHOE (625 S. G	**Lab Number:**	L2169922
Project Number:	2172056	**Report Date:**	01/10/22

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:	FORMER SHERWOOD SHOE (625 S. G	**Lab Number:**	L2169922
Project Number:	2172056	**Report Date:**	01/10/22

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.

The analysis of Volatile Organics was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

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: Cristin Walker

Title: Technical Director/Representative Date: 01/10/22

ORGANICS

SEMIVOLATILES

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2169922
Report Date: 01/10/22

SAMPLE RESULTS

Lab ID: L2169922-01
Client ID: DUPE-121721
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 00:00
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/23/21 16:37
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/22/21 18:22

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	ND		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	12.		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: FORMER SHERWOOD SHOE (625 S. G **Lab Number:** L2169922

Project Number: 2172056 **Report Date:** 01/10/22

SAMPLE RESULTS

Lab ID: L2169922-01 Date Collected: 12/17/21 00:00

Client ID: DUPE-121721 Date Received: 12/17/21

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	ND		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	5.2		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	55		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	72		41-149

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2169922
Report Date: 01/10/22

SAMPLE RESULTS

Lab ID: L2169922-01
Client ID: DUPE-121721
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 00:00
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 01/07/22 13:38
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/22/21 18:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	21		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	3.7		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	2.0		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.23		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.07	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.11		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.10		ug/l	0.10	0.01	1
Chrysene	0.17		ug/l	0.10	0.01	1
Acenaphthylene	1.4		ug/l	0.10	0.01	1
Anthracene	2.4		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.12		ug/l	0.10	0.01	1
Fluorene	18		ug/l	0.10	0.01	1
Phenanthrene	3.8		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.12		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.12		ug/l	0.10	0.01	1
Pyrene	2.5		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		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: FORMER SHERWOOD SHOE (625 S. G **Lab Number:** L2169922

Project Number: 2172056 **Report Date:** 01/10/22

SAMPLE RESULTS

Lab ID: L2169922-01 Date Collected: 12/17/21 00:00
Client ID: DUPE-121721 Date Received: 12/17/21
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	49		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	70		41-149

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2169922
Report Date: 01/10/22

SAMPLE RESULTS

Lab ID: L2169922-02
Client ID: RIBW-01R-121721
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 09:25
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/23/21 17:03
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/22/21 18:22

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	ND		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	11.		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: FORMER SHERWOOD SHOE (625 S. G **Lab Number:** L2169922

Project Number: 2172056 **Report Date:** 01/10/22

SAMPLE RESULTS

Lab ID: L2169922-02 Date Collected: 12/17/21 09:25

Client ID: RIBW-01R-121721 Date Received: 12/17/21

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	ND		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	4.6		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	42		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	60		41-149

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2169922
Report Date: 01/10/22

SAMPLE RESULTS

Lab ID: L2169922-02
Client ID: RIBW-01R-121721
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 09:25
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/26/21 16:07
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/22/21 18:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	20		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	7.5		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	1.8		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.66		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.07	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.34		ug/l	0.10	0.01	1
Acenaphthylene	1.4		ug/l	0.10	0.01	1
Anthracene	6.0		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	23		ug/l	0.10	0.01	1
Phenanthrene	4.8		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	6.0		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		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: FORMER SHERWOOD SHOE (625 S. G **Lab Number:** L2169922

Project Number: 2172056 **Report Date:** 01/10/22

SAMPLE RESULTS

Lab ID: L2169922-02 Date Collected: 12/17/21 09:25

Client ID: RIBW-01R-121721 Date Received: 12/17/21

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	39		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	70		41-149

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2169922
Report Date: 01/10/22

SAMPLE RESULTS

Lab ID: L2169922-03
Client ID: RIBW-02R-121721
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 12:00
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/23/21 17:29
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/22/21 18:22

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	66.		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	150		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: FORMER SHERWOOD SHOE (625 S. G **Lab Number:** L2169922

Project Number: 2172056 **Report Date:** 01/10/22

SAMPLE RESULTS

Lab ID: L2169922-03 Date Collected: 12/17/21 12:00

Client ID: RIBW-02R-121721 Date Received: 12/17/21

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	ND		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	81.		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	52		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	72		41-149

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2169922
Report Date: 01/10/22

SAMPLE RESULTS

Lab ID: L2169922-03 D
Client ID: RIBW-02R-121721
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 12:00
Date Received: 12/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 01/07/22 13:57
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/22/21 18:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	220		ug/l	0.50	0.07	5
2-Chloronaphthalene	ND		ug/l	1.0	0.09	5
Fluoranthene	41		ug/l	0.50	0.10	5
Hexachlorobutadiene	ND		ug/l	2.5	0.23	5
Naphthalene	130		ug/l	0.50	0.24	5
Benzo(a)anthracene	5.6		ug/l	0.50	0.10	5
Benzo(a)pyrene	2.5		ug/l	0.50	0.08	5
Benzo(b)fluoranthene	2.7		ug/l	0.50	0.06	5
Benzo(k)fluoranthene	0.98		ug/l	0.50	0.04	5
Chrysene	3.9		ug/l	0.50	0.06	5
Acenaphthylene	8.3		ug/l	0.50	0.06	5
Anthracene	36		ug/l	0.50	0.07	5
Benzo(ghi)perylene	0.94		ug/l	0.50	0.07	5
Fluorene	220		ug/l	0.50	0.07	5
Phenanthrene	170		ug/l	0.50	0.12	5
Dibenzo(a,h)anthracene	0.28	J	ug/l	0.50	0.06	5
Indeno(1,2,3-cd)pyrene	1.2		ug/l	0.50	0.06	5
Pyrene	28		ug/l	0.50	0.10	5
2-Methylnaphthalene	1.3		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: FORMER SHERWOOD SHOE (625 S. G **Lab Number:** L2169922

Project Number: 2172056 **Report Date:** 01/10/22

SAMPLE RESULTS

Lab ID: L2169922-03 D
Client ID: RIBW-02R-121721
Sample Location: ROCHESTER, NY

Date Collected: 12/17/21 12:00
Date Received: 12/17/21
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	35		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	79		41-149

Project Name: FORMER SHERWOOD SHOE (625 S. G **Lab Number:** L2169922

Project Number: 2172056 **Report Date:** 01/10/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/23/21 10:08
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/22/21 18:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1586830-1					
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: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2169922
Report Date: 01/10/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/23/21 10:08
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/22/21 18:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1586830-1					
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	55		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	64		41-149

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2169922
Report Date: 01/10/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/23/21 21:06
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/22/21 18:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1586833-1					
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	0.01	J	ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2169922
Report Date: 01/10/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/23/21 21:06
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/22/21 18:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1586833-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	73		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2169922

Report Date: 01/10/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1586830-2 WG1586830-3								
Bis(2-chloroethyl)ether	57		57		40-140	0		30
3,3'-Dichlorobenzidine	56		55		40-140	2		30
2,4-Dinitrotoluene	55		64		48-143	15		30
2,6-Dinitrotoluene	48		52		40-140	8		30
4-Chlorophenyl phenyl ether	56		58		40-140	4		30
4-Bromophenyl phenyl ether	52		56		40-140	7		30
Bis(2-chloroisopropyl)ether	53		52		40-140	2		30
Bis(2-chloroethoxy)methane	56		56		40-140	0		30
Hexachlorocyclopentadiene	**34**	Q	**35**	Q	40-140	3		30
Isophorone	56		54		40-140	4		30
Nitrobenzene	53		54		40-140	2		30
NDPA/DPA	59		58		40-140	2		30
n-Nitrosodi-n-propylamine	53		54		29-132	2		30
Bis(2-ethylhexyl)phthalate	65		68		40-140	5		30
Butyl benzyl phthalate	60		63		40-140	5		30
Di-n-butylphthalate	60		66		40-140	10		30
Di-n-octylphthalate	65		70		40-140	7		30
Diethyl phthalate	59		63		40-140	7		30
Dimethyl phthalate	51		54		40-140	6		30
Biphenyl	57		56		40-140	2		30
4-Chloroaniline	46		50		40-140	8		30
2-Nitroaniline	58		60		52-143	3		30
3-Nitroaniline	52		62		25-145	18		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2169922

Report Date: 01/10/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1586830-2 WG1586830-3								
4-Nitroaniline	58		63		51-143	8		30
Dibenzofuran	58		59		40-140	2		30
1,2,4,5-Tetrachlorobenzene	50		49		2-134	2		30
Acetophenone	60		60		39-129	0		30
2,4,6-Trichlorophenol	50		52		30-130	4		30
p-Chloro-m-cresol	62		64		23-97	3		30
2-Chlorophenol	59		60		27-123	2		30
2,4-Dichlorophenol	56		58		30-130	4		30
2,4-Dimethylphenol	62		59		30-130	5		30
2-Nitrophenol	60		52		30-130	14		30
4-Nitrophenol	50		56		10-80	11		30
2,4-Dinitrophenol	40		42		20-130	5		30
4,6-Dinitro-o-cresol	46		54		20-164	16		30
Phenol	39		42		12-110	7		30
2-Methylphenol	59		60		30-130	2		30
3-Methylphenol/4-Methylphenol	64		63		30-130	2		30
2,4,5-Trichlorophenol	52		50		30-130	4		30
Carbazole	65		69		55-144	6		30
Atrazine	64		65		40-140	2		30
Benzaldehyde	57		57		40-140	0		30
Caprolactam	31		33		10-130	6		30
2,3,4,6-Tetrachlorophenol	49		52		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2169922

Report Date: 01/10/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1586830-2 WG1586830-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		55		21-120
Phenol-d6	43		44		10-120
Nitrobenzene-d5	58		57		23-120
2-Fluorobiphenyl	51		51		15-120
2,4,6-Tribromophenol	58		60		10-120
4-Terphenyl-d14	65		68		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2169922

Report Date: 01/10/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1586833-2 WG1586833-3								
Acenaphthene	58		63		40-140	8		40
2-Chloronaphthalene	58		63		40-140	8		40
Fluoranthene	74		77		40-140	4		40
Hexachlorobutadiene	52		58		40-140	11		40
Naphthalene	54		60		40-140	11		40
Benzo(a)anthracene	67		72		40-140	7		40
Benzo(a)pyrene	56		72		40-140	25		40
Benzo(b)fluoranthene	80		83		40-140	4		40
Benzo(k)fluoranthene	72		75		40-140	4		40
Chrysene	67		71		40-140	6		40
Acenaphthylene	59		64		40-140	8		40
Anthracene	62		71		40-140	14		40
Benzo(ghi)perylene	61		66		40-140	8		40
Fluorene	66		70		40-140	6		40
Phenanthrene	67		71		40-140	6		40
Dibenzo(a,h)anthracene	70		73		40-140	4		40
Indeno(1,2,3-cd)pyrene	71		75		40-140	5		40
Pyrene	71		76		40-140	7		40
2-Methylnaphthalene	60		66		40-140	10		40
Pentachlorophenol	52		53		40-140	2		40
Hexachlorobenzene	62		65		40-140	5		40
Hexachloroethane	47		53		40-140	12		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2169922

Report Date: 01/10/22

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

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1586833-2 WG1586833-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	37		47		21-120
Phenol-d6	31		40		10-120
Nitrobenzene-d5	49		56		23-120
2-Fluorobiphenyl	62		67		15-120
2,4,6-Tribromophenol	53		61		10-120
4-Terphenyl-d14	76		81		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2169922

Report Date: 01/10/22

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): 01-03 QC Batch ID: WG1586830-4 WG1586830-5 QC Sample: L2169922-02 Client ID: RIBW-01R-121721												
Bis(2-chloroethyl)ether	ND	18.2	11	61		8.6	47		40-140	24		30
3,3'-Dichlorobenzidine	ND	18.2	8.2	45		6.6	**36**	Q	40-140	22		30
2,4-Dinitrotoluene	ND	18.2	12	66		9.3	51		48-143	25		30
2,6-Dinitrotoluene	ND	18.2	11	61		7.7	42		40-140	**35**	Q	30
4-Chlorophenyl phenyl ether	ND	18.2	11	61		9.0	50		40-140	20		30
4-Bromophenyl phenyl ether	ND	18.2	11	61		9.2	51		40-140	18		30
Bis(2-chloroisopropyl)ether	ND	18.2	10	55		7.9	43		40-140	23		30
Bis(2-chloroethoxy)methane	ND	18.2	11	61		8.9	49		40-140	21		30
Hexachlorocyclopentadiene	ND	18.2	7.4J	41		5.6J	**31**	Q	40-140	28		30
Isophorone	ND	18.2	11	61		9.0	50		40-140	20		30
Nitrobenzene	ND	18.2	11	61		7.9	43		40-140	**33**	Q	30
NDPA/DPA	ND	18.2	12	66		9.3	51		40-140	25		30
n-Nitrosodi-n-propylamine	ND	18.2	11	61		7.9	43		29-132	**33**	Q	30
Bis(2-ethylhexyl)phthalate	ND	18.2	14	77		13	72		40-140	7		30
Butyl benzyl phthalate	ND	18.2	14	77		10	55		40-140	**33**	Q	30
Di-n-butylphthalate	ND	18.2	14	77		10	55		40-140	**33**	Q	30
Di-n-octylphthalate	ND	18.2	14	77		12	66		40-140	15		30
Diethyl phthalate	ND	18.2	12	66		9.5	52		40-140	23		30
Dimethyl phthalate	ND	18.2	11	61		8.0	44		40-140	**32**	Q	30
Biphenyl	ND	18.2	12	66		8.6	47		40-140	**33**	Q	30
4-Chloroaniline	ND	18.2	8.5	47		7.4	41		40-140	14		30
2-Nitroaniline	ND	18.2	12	66		9.5	52		52-143	23		30
3-Nitroaniline	ND	18.2	10	55		8.3	46		25-145	19		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2169922

Report Date: 01/10/22

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): 01-03 QC Batch ID: WG1586830-4 WG1586830-5 QC Sample: L2169922-02 Client ID: RIBW-01R-121721												
4-Nitroaniline	ND	18.2	12	66		9.0	**50**	Q	51-143	29		30
Dibenzofuran	11	18.2	24	72		19	44		40-140	23		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	10	55		7.4J	41		2-134	30		30
Acetophenone	ND	18.2	12	66		9.8	54		39-129	20		30
2,4,6-Trichlorophenol	ND	18.2	11	61		7.4	41		30-130	**39**	Q	30
p-Chloro-m-cresol	ND	18.2	13	72		9.6	53		23-97	30		30
2-Chlorophenol	ND	18.2	12	66		9.4	52		27-123	24		30
2,4-Dichlorophenol	ND	18.2	11	61		9.3	51		30-130	17		30
2,4-Dimethylphenol	ND	18.2	13	72		10	55		30-130	26		30
2-Nitrophenol	ND	18.2	11	61		8.5J	47		30-130	26		30
4-Nitrophenol	ND	18.2	12	66		9.9J	54		10-80	19		30
2,4-Dinitrophenol	ND	18.2	12.J	66		8.8J	48		20-130	**31**	Q	30
4,6-Dinitro-o-cresol	ND	18.2	11	61		7.6J	42		20-164	**37**	Q	30
Phenol	ND	18.2	8.7	48		6.5	36		12-110	29		30
2-Methylphenol	ND	18.2	12	66		9.2	51		30-130	26		30
3-Methylphenol/4-Methylphenol	ND	18.2	12	66		9.3	51		30-130	25		30
2,4,5-Trichlorophenol	ND	18.2	11	61		7.9	43		30-130	**33**	Q	30
Carbazole	4.6	18.2	18	74		14	**52**	Q	55-144	25		30
Atrazine	ND	18.2	13	72		10	55		40-140	26		30
Benzaldehyde	ND	18.2	11	61		8.9	49		40-140	21		30
Caprolactam	ND	18.2	6.3J	35		5.0J	28		10-130	23		30
2,3,4,6-Tetrachlorophenol	ND	18.2	12	66		8.9	49		40-140	30		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2169922

Report Date: 01/10/22

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): 01-03 QC Batch ID: WG1586830-4 WG1586830-5 QC Sample: L2169922-02 Client ID: RIBW-01R-121721

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	69		57		10-120
2-Fluorobiphenyl	59		40		15-120
2-Fluorophenol	59		46		21-120
4-Terphenyl-d14	77		58		41-149
Nitrobenzene-d5	65		50		23-120
Phenol-d6	49		38		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056
Lab Number: L2169922
Report Date: 01/10/22

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): 01-03 QC Batch ID: WG1586833-4 WG1586833-5 QC Sample: L2169922-02 Client ID: RIBW-01R-121721												
Acenaphthene	20	18.2	37	94		28	44		40-140	28		40
2-Chloronaphthalene	ND	18.2	13	72		9.6	53		40-140	30		40
Fluoranthene	7.5	18.2	19	63		16	47		40-140	17		40
Hexachlorobutadiene	ND	18.2	11	61		8.1	45		40-140	30		40
Naphthalene	1.8	18.2	14	67		10	45		40-140	33		40
Benzo(a)anthracene	0.66	18.2	15	79		12	62		40-140	22		40
Benzo(a)pyrene	0.03J	18.2	14	77		10	55		40-140	33		40
Benzo(b)fluoranthene	0.07J	18.2	16	88		13	72		40-140	21		40
Benzo(k)fluoranthene	0.02J	18.2	15	83		12	66		40-140	22		40
Chrysene	0.34	18.2	13	70		10	53		40-140	26		40
Acenaphthylene	1.4	18.2	15	75		11	53		40-140	31		40
Anthracene	6.0	18.2	18	66		14	44		40-140	25		40
Benzo(ghi)perylene	ND	18.2	13	72		10	55		40-140	26		40
Fluorene	23	18.2	36	72		28	**28**	Q	40-140	25		40
Phenanthrene	4.8	18.2	18	73		14	51		40-140	25		40
Dibenzo(a,h)anthracene	ND	18.2	16	88		12	66		40-140	29		40
Indeno(1,2,3-cd)pyrene	ND	18.2	16	88		12	66		40-140	29		40
Pyrene	6.0	18.2	17	61		14	44		40-140	19		40
2-Methylnaphthalene	ND	18.2	13	72		9.7	53		40-140	29		40
Pentachlorophenol	ND	18.2	15	83		11	61		40-140	31		40
Hexachlorobenzene	ND	18.2	13	72		10	55		40-140	26		40
Hexachloroethane	ND	18.2	11	61		7.8	43		40-140	34		40

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER SHERWOOD SHOE (625 S. G

Project Number: 2172056

Lab Number: L2169922

Report Date: 01/10/22

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): 01-03 QC Batch ID: WG1586833-4 WG1586833-5 QC Sample: L2169922-02 Client ID: RIBW-01R-121721												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	89		69		10-120
2-Fluorobiphenyl	80		58		15-120
2-Fluorophenol	62		43		21-120
4-Terphenyl-d14	83		66		41-149
Nitrobenzene-d5	68		50		23-120
Phenol-d6	53		38		10-120

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056

Lab Number: L2169922
Report Date: 01/10/22

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(*)
L2169922-01A	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-01B	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-01C	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-01D	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2169922-01E	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2169922-02A	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-02A1	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-02A2	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-02B	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-02B1	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-02B2	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-02C	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-02C1	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-02C2	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-02D	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2169922-02D1	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),SUB-8260(14),NYTCL-8270-LVI(7)
L2169922-02D2	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),SUB-8260(14),NYTCL-8270-LVI(7)
L2169922-02E	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2169922-02E1	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),SUB-8260(14),NYTCL-8270-LVI(7)
L2169922-02E2	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),SUB-8260(14),NYTCL-8270-LVI(7)
L2169922-03A	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-03B	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER SHERWOOD SHOE (625 S. G
Project Number: 2172056

Lab Number: L2169922
Report Date: 01/10/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2169922-03C	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-03D	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2169922-03E	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2169922-04A	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-04B	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-04C	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-05A	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-05B	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-05C	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-06A	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-06B	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-06C	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-07A	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)
L2169922-07B	Vial HCl preserved	A	NA		3.1	Y	Absent		SUB-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	FORMER SHERWOOD SHOE (625 S. G	**Lab Number:**	L2169922
Project Number:	2172056	**Report Date:**	01/10/22

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:	FORMER SHERWOOD SHOE (625 S. G	**Lab Number:**	L2169922
Project Number:	2172056	**Report Date:**	01/10/22

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.

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'.

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.

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.)

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 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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	FORMER SHERWOOD SHOE (625 S. G	**Lab Number:**	L2169922
Project Number:	2172056	**Report Date:**	01/10/22

Data Qualifiers

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	FORMER SHERWOOD SHOE (625 S. G	**Lab Number:**	L2169922
Project Number:	2172056	**Report Date:**	01/10/22

REFERENCES

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

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

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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: 12/18/21

ALPHA Job #: L2167922

Client Information
Client: Labella Associates
Address: 300 State St. Rochester NY
Phone: 585-454-6110
Fax:
Email: ABrett@labellapc.com

Project Information
Project Name: former Sherwood Site (625 S. 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

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	TCL-CP-51 VOC + TICs	TCL+CP-51 SVOC + TICs							Sample Specific Comments	Total Bottle
67922-01	DUPE - 121721	12/17/21	xx	GW	ADA	X	X								5
-02	RIBW-01R-121721	12/17/21	925	GW	ADA	X	X							MS/MSD	15
-03	RIBW-02R-121721	12/17/21	1200	GW	ADA	X	X								5
-04	MW-05R-121621	12/16/21	1100	GW	ADA	X									3
-05	RIBW-03-121621	12/16/21	1235	GW	ADA	X									3
-06	MW-06R-121721	12/17/21	1355	GW	ADA	X									3
-07	TRIP BLANK	12/16/21	0600	GW	ADA	X									2

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
	12/17/21 1536	SECURE STORAGE AAL	12/17/21 15:36
SECURE STORAGE AAL	12/17/21 17:36	R Cunningham AAL	12/17/21 17:36
R Cunningham AAL	12/17/21 17:30		12/18/21 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)

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-193744-1
Client Project/Site: L2169922

For:
Alpha Analytical Inc
8 Walkup Drive
Westboro, Massachusetts 01581

Attn: Melissa Deyo

Authorized for release by:
12/29/2021 4:09:09 PM

Steve Hartmann, Project Manager I
(413)572-4000
Steve.Hartmann@Eurofinset.com

Table of Contents

Definitions/Glossary

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Job ID: 480-193744-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-193744-1

Comments
No additional comments.

Receipt
The samples were received on 12/22/2021 11:35 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.0º C.

GC/MS VOA
Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-08R-121621 (480-193744-4). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: RIBW-02R-121721 (480-193744-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-610196 recovered above the upper control limit for Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: RIBW-02R-121721 (480-193744-3).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-610196 recovered outside acceptance criteria, low biased, for 1,1,2-Trichloro-1,2,2-trifluoroethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: DUPE-121721 — Lab Sample ID: 480-193744-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.0		1.0	0.41	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	8.8		1.0	0.81	ug/L	1		8260C	Total/NA
Ethylbenzene	3.1		1.0	0.74	ug/L	1		8260C	Total/NA
Naphthalene	3.3		1.0	0.43	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	23		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	9.7		1.0	0.46	ug/L	1		8260C	Total/NA
Xylenes, Total	2.4		2.0	0.66	ug/L	1		8260C	Total/NA

Client Sample ID: RIBW-01R-121721 — Lab Sample ID: 480-193744-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.9	F2	1.0	0.41	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	8.4		1.0	0.81	ug/L	1		8260C	Total/NA
Ethylbenzene	3.0	F2	1.0	0.74	ug/L	1		8260C	Total/NA
Naphthalene	3.1		1.0	0.43	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	22		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	9.0		1.0	0.46	ug/L	1		8260C	Total/NA
Xylenes, Total	2.2	F2	2.0	0.66	ug/L	1		8260C	Total/NA

Client Sample ID: RIBW-02R-121721 — Lab Sample ID: 480-193744-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	48		1.0	0.75	ug/L	1		8260C	Total/NA
1,3,5-Trimethylbenzene	7.6		1.0	0.77	ug/L	1		8260C	Total/NA
Benzene	5.7		1.0	0.41	ug/L	1		8260C	Total/NA
Carbon disulfide	0.22	J	1.0	0.19	ug/L	1		8260C	Total/NA
Cyclohexane	0.59	J	1.0	0.18	ug/L	1		8260C	Total/NA
Ethylbenzene	36		1.0	0.74	ug/L	1		8260C	Total/NA
Isopropylbenzene	14		1.0	0.79	ug/L	1		8260C	Total/NA
Methylcyclohexane	1.2		1.0	0.16	ug/L	1		8260C	Total/NA
Naphthalene	200	E	1.0	0.43	ug/L	1		8260C	Total/NA
n-Butylbenzene	2.0		1.0	0.64	ug/L	1		8260C	Total/NA
N-Propylbenzene	4.2		1.0	0.69	ug/L	1		8260C	Total/NA
Toluene	10		1.0	0.51	ug/L	1		8260C	Total/NA
Trichloroethene	0.71	J	1.0	0.46	ug/L	1		8260C	Total/NA
Xylenes, Total	79		2.0	0.66	ug/L	1		8260C	Total/NA
1,2,4-Trimethylbenzene - DL	44		5.0	3.8	ug/L	5		8260C	Total/NA
1,3,5-Trimethylbenzene - DL	7.2		5.0	3.9	ug/L	5		8260C	Total/NA
Benzene - DL	5.7		5.0	2.1	ug/L	5		8260C	Total/NA
Cyclohexane - DL	0.91	J	5.0	0.90	ug/L	5		8260C	Total/NA
Ethylbenzene - DL	33		5.0	3.7	ug/L	5		8260C	Total/NA
Isopropylbenzene - DL	13		5.0	4.0	ug/L	5		8260C	Total/NA
Methylcyclohexane - DL	1.4	J	5.0	0.80	ug/L	5		8260C	Total/NA
Methylene Chloride - DL	3.1	J	5.0	2.2	ug/L	5		8260C	Total/NA
Naphthalene - DL	260		5.0	2.2	ug/L	5		8260C	Total/NA
N-Propylbenzene - DL	4.1	J	5.0	3.5	ug/L	5		8260C	Total/NA
Toluene - DL	9.8		5.0	2.6	ug/L	5		8260C	Total/NA
Xylenes, Total - DL	74		10	3.3	ug/L	5		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: MW-08R-121621 — Lab Sample ID: 480-193744-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.3	J	2.0	0.88	ug/L	2		8260C	Total/NA
Naphthalene	2.8		2.0	0.86	ug/L	2		8260C	Total/NA

Client Sample ID: RIBW-03-121621 — Lab Sample ID: 480-193744-5

No Detections.

Client Sample ID: MW-06R-121721 — Lab Sample ID: 480-193744-6

No Detections.

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-193744-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: DUPE-121721

Date Collected: 12/17/21 00:00
Date Received: 12/22/21 11:35

Lab Sample ID: 480-193744-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/21 14:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/21 14:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/21 14:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/21 14:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/21 14:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/21 14:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/21 14:33	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			12/27/21 14:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/21 14:33	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/21 14:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/21 14:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/21 14:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/21 14:33	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			12/27/21 14:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/21 14:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/21 14:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/21 14:33	1
2-Hexanone	ND		5.0	1.2	ug/L			12/27/21 14:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/27/21 14:33	1
Acetone	ND		10	3.0	ug/L			12/27/21 14:33	1
Benzene	**2.0**		1.0	0.41	ug/L			12/27/21 14:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/21 14:33	1
Bromoform	ND		1.0	0.26	ug/L			12/27/21 14:33	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/21 14:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/21 14:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/21 14:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/21 14:33	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/21 14:33	1
Chloroform	ND		1.0	0.34	ug/L			12/27/21 14:33	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/21 14:33	1
cis-1,2-Dichloroethene	**8.8**		1.0	0.81	ug/L			12/27/21 14:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/21 14:33	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/21 14:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/21 14:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/21 14:33	1
Ethylbenzene	**3.1**		1.0	0.74	ug/L			12/27/21 14:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/21 14:33	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/21 14:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/21 14:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/21 14:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/21 14:33	1
Naphthalene	**3.3**		1.0	0.43	ug/L			12/27/21 14:33	1
n-Butylbenzene	ND		1.0	0.64	ug/L			12/27/21 14:33	1
N-Propylbenzene	ND		1.0	0.69	ug/L			12/27/21 14:33	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			12/27/21 14:33	1
Styrene	ND		1.0	0.73	ug/L			12/27/21 14:33	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			12/27/21 14:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/21 14:33	1
Toluene	ND		1.0	0.51	ug/L			12/27/21 14:33	1

Client Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: DUPE-121721

Lab Sample ID: 480-193744-1
Date Collected: 12/17/21 00:00
Matrix: Water
Date Received: 12/22/21 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	**23**		1.0	0.90	ug/L			12/27/21 14:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/21 14:33	1
Trichloroethene	**9.7**		1.0	0.46	ug/L			12/27/21 14:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/21 14:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/21 14:33	1
Xylenes, Total	**2.4**		2.0	0.66	ug/L			12/27/21 14:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1-propynyl-	*6.3*	*T J N*	*ug/L*		*10.86*	*673-32-5*		*12/27/21 14:33*	*1*
Benzofuran, 2-methyl-	*13*	*T J N*	*ug/L*		*11.50*	*4265-25-2*		*12/27/21 14:33*	*1*
Benzo[c]thiophene	*6.6*	*T J N*	*ug/L*		*12.52*	*270-82-6*		*12/27/21 14:33*	*1*
Unknown	*6.1*	*T J*	*ug/L*		*13.29*			*12/27/21 14:33*	*1*
Naphthalene, 2-methyl-	*10*	*T J N*	*ug/L*		*13.47*	*91-57-6*		*12/27/21 14:33*	*1*
Naphthalene, 1-ethyl-	*4.6*	*T J N*	*ug/L*		*14.08*	*1127-76-0*		*12/27/21 14:33*	*1*
Naphthalene, 1,5-dimethyl-	*7.5*	*T J N*	*ug/L*		*14.44*	*571-61-9*		*12/27/21 14:33*	*1*
Naphthalene, 2,3-dimethyl-	*4.3*	*T J N*	*ug/L*		*14.55*	*581-40-8*		*12/27/21 14:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*12/27/21 14:33*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*12/27/21 14:33*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*12/27/21 14:33*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*12/27/21 14:33*	*1*

Client Sample ID: RIBW-01R-121721

Lab Sample ID: 480-193744-2
Date Collected: 12/17/21 09:25
Matrix: Water
Date Received: 12/22/21 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/21 14:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/21 14:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/21 14:56	1
1,1,2-Trichloroethane	ND	F2	1.0	0.23	ug/L			12/27/21 14:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/21 14:56	1
1,1-Dichloroethene	ND	F2	1.0	0.29	ug/L			12/27/21 14:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/21 14:56	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			12/27/21 14:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/21 14:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/21 14:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/21 14:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/21 14:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/21 14:56	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			12/27/21 14:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/21 14:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/21 14:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/21 14:56	1
2-Hexanone	ND		5.0	1.2	ug/L			12/27/21 14:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/27/21 14:56	1
Acetone	ND		10	3.0	ug/L			12/27/21 14:56	1
Benzene	**1.9**	**F2**	1.0	0.41	ug/L			12/27/21 14:56	1

Client Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: RIBW-01R-121721

Date Collected: 12/17/21 09:25
Date Received: 12/22/21 11:35

Lab Sample ID: 480-193744-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/21 14:56	1
Bromoform	ND	F2	1.0	0.26	ug/L			12/27/21 14:56	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/21 14:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/21 14:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/21 14:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/21 14:56	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/21 14:56	1
Chloroform	ND		1.0	0.34	ug/L			12/27/21 14:56	1
Chloromethane	ND	F1	1.0	0.35	ug/L			12/27/21 14:56	1
cis-1,2-Dichloroethene	**8.4**		1.0	0.81	ug/L			12/27/21 14:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/21 14:56	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/21 14:56	1
Dibromochloromethane	ND	F2	1.0	0.32	ug/L			12/27/21 14:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/21 14:56	1
Ethylbenzene	**3.0**	**F2**	1.0	0.74	ug/L			12/27/21 14:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/21 14:56	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/21 14:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/21 14:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/21 14:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/21 14:56	1
Naphthalene	**3.1**		1.0	0.43	ug/L			12/27/21 14:56	1
n-Butylbenzene	ND		1.0	0.64	ug/L			12/27/21 14:56	1
N-Propylbenzene	ND	F2	1.0	0.69	ug/L			12/27/21 14:56	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			12/27/21 14:56	1
Styrene	ND	F1 F2	1.0	0.73	ug/L			12/27/21 14:56	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			12/27/21 14:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/21 14:56	1
Toluene	ND	F2	1.0	0.51	ug/L			12/27/21 14:56	1
trans-1,2-Dichloroethene	**22**		1.0	0.90	ug/L			12/27/21 14:56	1
trans-1,3-Dichloropropene	ND	F2	1.0	0.37	ug/L			12/27/21 14:56	1
Trichloroethene	**9.0**		1.0	0.46	ug/L			12/27/21 14:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/21 14:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/21 14:56	1
Xylenes, Total	**2.2**	**F2**	2.0	0.66	ug/L			12/27/21 14:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Indane	*18*	*T J N*	*ug/L*		*10.64*	*496-11-7*		*12/27/21 14:56*	*1*
Benzene, 1-propynyl-	*7.6*	*T J N*	*ug/L*		*10.86*	*673-32-5*		*12/27/21 14:56*	*1*
Benzofuran, 2-methyl-	*13*	*T J N*	*ug/L*		*11.50*	*4265-25-2*		*12/27/21 14:56*	*1*
2-Methylindene	*5.0*	*T J N*	*ug/L*		*12.01*	*2177-47-1*		*12/27/21 14:56*	*1*
Benzo[b]thiophene	*6.2*	*T J N*	*ug/L*		*12.52*	*95-15-8*		*12/27/21 14:56*	*1*
Unknown	*5.9*	*T J*	*ug/L*		*13.29*			*12/27/21 14:56*	*1*
Naphthalene, 1-methyl-	*10*	*T J N*	*ug/L*		*13.47*	*90-12-0*		*12/27/21 14:56*	*1*
Naphthalene, 1-ethyl-	*4.0*	*T J N*	*ug/L*		*14.08*	*1127-76-0*		*12/27/21 14:56*	*1*
Naphthalene, 2,3-dimethyl-	*7.0*	*T J N*	*ug/L*		*14.44*	*581-40-8*		*12/27/21 14:56*	*1*
Naphthalene, 1,2-dimethyl-	*4.4*	*T J N*	*ug/L*		*14.55*	*573-98-8*		*12/27/21 14:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*12/27/21 14:56*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*12/27/21 14:56*	*1*

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: RIBW-01R-121721

Lab Sample ID: 480-193744-2
Matrix: Water
Date Collected: 12/17/21 09:25
Date Received: 12/22/21 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*12/27/21 14:56*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*12/27/21 14:56*	*1*

Client Sample ID: RIBW-02R-121721

Lab Sample ID: 480-193744-3
Matrix: Water
Date Collected: 12/17/21 12:00
Date Received: 12/22/21 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/21 15:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/21 15:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/21 15:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/21 15:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/21 15:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/21 15:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/21 15:19	1
1,2,4-Trimethylbenzene	**48**		1.0	0.75	ug/L			12/27/21 15:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/21 15:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/21 15:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/21 15:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/21 15:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/21 15:19	1
1,3,5-Trimethylbenzene	**7.6**		1.0	0.77	ug/L			12/27/21 15:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/21 15:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/21 15:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/21 15:19	1
2-Hexanone	ND		5.0	1.2	ug/L			12/27/21 15:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/27/21 15:19	1
Acetone	ND		10	3.0	ug/L			12/27/21 15:19	1
Benzene	**5.7**		1.0	0.41	ug/L			12/27/21 15:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/21 15:19	1
Bromoform	ND		1.0	0.26	ug/L			12/27/21 15:19	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/21 15:19	1
Carbon disulfide	**0.22**	**J**	1.0	0.19	ug/L			12/27/21 15:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/21 15:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/21 15:19	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/21 15:19	1
Chloroform	ND		1.0	0.34	ug/L			12/27/21 15:19	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/21 15:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/21 15:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/21 15:19	1
Cyclohexane	**0.59**	**J**	1.0	0.18	ug/L			12/27/21 15:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/21 15:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/21 15:19	1
Ethylbenzene	**36**		1.0	0.74	ug/L			12/27/21 15:19	1
Isopropylbenzene	**14**		1.0	0.79	ug/L			12/27/21 15:19	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/21 15:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/21 15:19	1
Methylcyclohexane	**1.2**		1.0	0.16	ug/L			12/27/21 15:19	1

Client Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: RIBW-02R-121721

Date Collected: 12/17/21 12:00
Date Received: 12/22/21 11:35

Lab Sample ID: 480-193744-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/21 15:19	1
Naphthalene	**200**	**E**	1.0	0.43	ug/L			12/27/21 15:19	1
n-Butylbenzene	**2.0**		1.0	0.64	ug/L			12/27/21 15:19	1
N-Propylbenzene	**4.2**		1.0	0.69	ug/L			12/27/21 15:19	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			12/27/21 15:19	1
Styrene	ND		1.0	0.73	ug/L			12/27/21 15:19	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			12/27/21 15:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/21 15:19	1
Toluene	**10**		1.0	0.51	ug/L			12/27/21 15:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/21 15:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/21 15:19	1
Trichloroethene	**0.71**	**J**	1.0	0.46	ug/L			12/27/21 15:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/21 15:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/21 15:19	1
Xylenes, Total	**79**		2.0	0.66	ug/L			12/27/21 15:19	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
m-Xylene & p-Xylene	*43*		*ug/L*		*8.21*	*179601-23-1*		*12/27/21 15:19*	*1*
Indene	*45*	*T J N*	*ug/L*		*10.86*	*95-13-6*		*12/27/21 15:19*	*1*
Benzofuran, 7-methyl-	*140*	*T J N*	*ug/L*		*11.50*	*17059-52-8*		*12/27/21 15:19*	*1*
1H-Indene, 2,3-dihydro-4-methyl-	*44*	*T J N*	*ug/L*		*11.85*	*824-22-6*		*12/27/21 15:19*	*1*
Benzo[c]thiophene	*70*	*T J N*	*ug/L*		*12.52*	*270-82-6*		*12/27/21 15:19*	*1*
Naphthalene, 2-methyl-	*220*	*T J N*	*ug/L*		*13.47*	*91-57-6*		*12/27/21 15:19*	*1*
Biphenyl	*46*	*T J N*	*ug/L*		*13.90*	*92-52-4*		*12/27/21 15:19*	*1*
Naphthalene, 2,6-dimethyl-	*46*	*T J N*	*ug/L*		*14.13*	*581-42-0*		*12/27/21 15:19*	*1*
Naphthalene, 1,4-dimethyl-	*60*	*T J N*	*ug/L*		*14.25*	*571-58-4*		*12/27/21 15:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*12/27/21 15:19*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*12/27/21 15:19*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*12/27/21 15:19*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*12/27/21 15:19*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			12/28/21 13:14	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			12/28/21 13:14	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			12/28/21 13:14	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			12/28/21 13:14	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			12/28/21 13:14	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			12/28/21 13:14	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			12/28/21 13:14	5
1,2,4-Trimethylbenzene	**44**		5.0	3.8	ug/L			12/28/21 13:14	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			12/28/21 13:14	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			12/28/21 13:14	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			12/28/21 13:14	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			12/28/21 13:14	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			12/28/21 13:14	5
1,3,5-Trimethylbenzene	**7.2**		5.0	3.9	ug/L			12/28/21 13:14	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			12/28/21 13:14	5

Client Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: RIBW-02R-121721

Date Collected: 12/17/21 12:00
Date Received: 12/22/21 11:35

Lab Sample ID: 480-193744-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			12/28/21 13:14	5
2-Butanone (MEK)	ND		50	6.6	ug/L			12/28/21 13:14	5
2-Hexanone	ND		25	6.2	ug/L			12/28/21 13:14	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			12/28/21 13:14	5
Acetone	ND		50	15	ug/L			12/28/21 13:14	5
Benzene	**5.7**		5.0	2.1	ug/L			12/28/21 13:14	5
Bromodichloromethane	ND		5.0	2.0	ug/L			12/28/21 13:14	5
Bromoform	ND		5.0	1.3	ug/L			12/28/21 13:14	5
Bromomethane	ND		5.0	3.5	ug/L			12/28/21 13:14	5
Carbon disulfide	ND		5.0	0.95	ug/L			12/28/21 13:14	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			12/28/21 13:14	5
Chlorobenzene	ND		5.0	3.8	ug/L			12/28/21 13:14	5
Chloroethane	ND		5.0	1.6	ug/L			12/28/21 13:14	5
Chloroform	ND		5.0	1.7	ug/L			12/28/21 13:14	5
Chloromethane	ND		5.0	1.8	ug/L			12/28/21 13:14	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			12/28/21 13:14	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			12/28/21 13:14	5
Cyclohexane	**0.91**	**J**	5.0	0.90	ug/L			12/28/21 13:14	5
Dibromochloromethane	ND		5.0	1.6	ug/L			12/28/21 13:14	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			12/28/21 13:14	5
Ethylbenzene	**33**		5.0	3.7	ug/L			12/28/21 13:14	5
Isopropylbenzene	**13**		5.0	4.0	ug/L			12/28/21 13:14	5
Methyl acetate	ND		13	6.5	ug/L			12/28/21 13:14	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			12/28/21 13:14	5
Methylcyclohexane	**1.4**	**J**	5.0	0.80	ug/L			12/28/21 13:14	5
Methylene Chloride	**3.1**	**J**	5.0	2.2	ug/L			12/28/21 13:14	5
Naphthalene	**260**		5.0	2.2	ug/L			12/28/21 13:14	5
n-Butylbenzene	ND		5.0	3.2	ug/L			12/28/21 13:14	5
N-Propylbenzene	**4.1**	**J**	5.0	3.5	ug/L			12/28/21 13:14	5
sec-Butylbenzene	ND		5.0	3.8	ug/L			12/28/21 13:14	5
Styrene	ND		5.0	3.7	ug/L			12/28/21 13:14	5
tert-Butylbenzene	ND		5.0	4.1	ug/L			12/28/21 13:14	5
Tetrachloroethene	ND		5.0	1.8	ug/L			12/28/21 13:14	5
Toluene	**9.8**		5.0	2.6	ug/L			12/28/21 13:14	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			12/28/21 13:14	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			12/28/21 13:14	5
Trichloroethene	ND		5.0	2.3	ug/L			12/28/21 13:14	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			12/28/21 13:14	5
Vinyl chloride	ND		5.0	4.5	ug/L			12/28/21 13:14	5
Xylenes, Total	**74**		10	3.3	ug/L			12/28/21 13:14	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Indene	*100*	*T J N*	*ug/L*		*10.86*	*95-13-6*		*12/28/21 13:14*	*5*
Benzofuran, 2-methyl-	*280*	*T J N*	*ug/L*		*11.50*	*4265-25-2*		*12/28/21 13:14*	*5*
Indan, 1-methyl-	*85*	*T J N*	*ug/L*		*11.85*	*767-58-8*		*12/28/21 13:14*	*5*
Benzo[c]thiophene	*140*	*T J N*	*ug/L*		*12.52*	*270-82-6*		*12/28/21 13:14*	*5*
Unknown	*57*	*T J*	*ug/L*		*13.29*			*12/28/21 13:14*	*5*
Naphthalene, 2-methyl-	*480*	*T J N*	*ug/L*		*13.47*	*91-57-6*		*12/28/21 13:14*	*5*
Biphenyl	*91*	*T J N*	*ug/L*		*13.90*	*92-52-4*		*12/28/21 13:14*	*5*
Naphthalene, 2,6-dimethyl-	*89*	*T J N*	*ug/L*		*14.13*	*581-42-0*		*12/28/21 13:14*	*5*

Client Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: RIBW-02R-121721

Lab Sample ID: 480-193744-3

Date Collected: 12/17/21 12:00
Matrix: Water
Date Received: 12/22/21 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Naphthalene, 1,7-dimethyl-	110	T J N	ug/L		14.25	575-37-1		12/28/21 13:14	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		12/28/21 13:14	5
4-Bromofluorobenzene (Surr)	100		73 - 120		12/28/21 13:14	5
Dibromofluoromethane (Surr)	96		75 - 123		12/28/21 13:14	5
Toluene-d8 (Surr)	95		80 - 120		12/28/21 13:14	5

Client Sample ID: MW-08R-121621

Lab Sample ID: 480-193744-4

Date Collected: 12/16/21 11:00
Matrix: Water
Date Received: 12/22/21 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			12/27/21 15:42	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			12/27/21 15:42	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			12/27/21 15:42	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			12/27/21 15:42	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			12/27/21 15:42	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			12/27/21 15:42	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			12/27/21 15:42	2
1,2,4-Trimethylbenzene	ND		2.0	1.5	ug/L			12/27/21 15:42	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			12/27/21 15:42	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			12/27/21 15:42	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			12/27/21 15:42	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			12/27/21 15:42	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			12/27/21 15:42	2
1,3,5-Trimethylbenzene	ND		2.0	1.5	ug/L			12/27/21 15:42	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			12/27/21 15:42	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			12/27/21 15:42	2
2-Butanone (MEK)	ND		20	2.6	ug/L			12/27/21 15:42	2
2-Hexanone	ND		10	2.5	ug/L			12/27/21 15:42	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			12/27/21 15:42	2
Acetone	ND		20	6.0	ug/L			12/27/21 15:42	2
Benzene	ND		2.0	0.82	ug/L			12/27/21 15:42	2
Bromodichloromethane	ND		2.0	0.78	ug/L			12/27/21 15:42	2
Bromoform	ND		2.0	0.52	ug/L			12/27/21 15:42	2
Bromomethane	ND		2.0	1.4	ug/L			12/27/21 15:42	2
Carbon disulfide	ND		2.0	0.38	ug/L			12/27/21 15:42	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			12/27/21 15:42	2
Chlorobenzene	ND		2.0	1.5	ug/L			12/27/21 15:42	2
Chloroethane	ND		2.0	0.64	ug/L			12/27/21 15:42	2
Chloroform	ND		2.0	0.68	ug/L			12/27/21 15:42	2
Chloromethane	ND		2.0	0.70	ug/L			12/27/21 15:42	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			12/27/21 15:42	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			12/27/21 15:42	2
Cyclohexane	ND		2.0	0.36	ug/L			12/27/21 15:42	2
Dibromochloromethane	ND		2.0	0.64	ug/L			12/27/21 15:42	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			12/27/21 15:42	2
Ethylbenzene	ND		2.0	1.5	ug/L			12/27/21 15:42	2

Client Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: MW-08R-121621

Lab Sample ID: 480-193744-4
Matrix: Water
Date Collected: 12/16/21 11:00
Date Received: 12/22/21 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		2.0	1.6	ug/L			12/27/21 15:42	2
Methyl acetate	ND		5.0	2.6	ug/L			12/27/21 15:42	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			12/27/21 15:42	2
Methylcyclohexane	ND		2.0	0.32	ug/L			12/27/21 15:42	2
Methylene Chloride	**1.3**	**J**	2.0	0.88	ug/L			12/27/21 15:42	2
Naphthalene	**2.8**		2.0	0.86	ug/L			12/27/21 15:42	2
n-Butylbenzene	ND		2.0	1.3	ug/L			12/27/21 15:42	2
N-Propylbenzene	ND		2.0	1.4	ug/L			12/27/21 15:42	2
sec-Butylbenzene	ND		2.0	1.5	ug/L			12/27/21 15:42	2
Styrene	ND		2.0	1.5	ug/L			12/27/21 15:42	2
tert-Butylbenzene	ND		2.0	1.6	ug/L			12/27/21 15:42	2
Tetrachloroethene	ND		2.0	0.72	ug/L			12/27/21 15:42	2
Toluene	ND		2.0	1.0	ug/L			12/27/21 15:42	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			12/27/21 15:42	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			12/27/21 15:42	2
Trichloroethene	ND		2.0	0.92	ug/L			12/27/21 15:42	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			12/27/21 15:42	2
Vinyl chloride	ND		2.0	1.8	ug/L			12/27/21 15:42	2
Xylenes, Total	ND		4.0	1.3	ug/L			12/27/21 15:42	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Naphthalene, 2,3,6-trimethyl-	*8.8*	*T J N*	*ug/L*		*10.57*	*829-26-5*		*12/27/21 15:42*	*2*
Fluorene	*46*	*T J N*	*ug/L*		*11.99*	*86-73-7*		*12/27/21 15:42*	*2*
Dibenzofuran, 4-methyl-	*6.0*	*T J N*	*ug/L*		*12.70*	*7320-53-8*		*12/27/21 15:42*	*2*
Naphthalene, 2-methyl-	*23*	*T J N*	*ug/L*		*13.47*	*91-57-6*		*12/27/21 15:42*	*2*
Biphenyl	*11*	*T J N*	*ug/L*		*13.90*	*92-52-4*		*12/27/21 15:42*	*2*
Naphthalene, 2,7-dimethyl-	*11*	*T J N*	*ug/L*		*14.13*	*582-16-1*		*12/27/21 15:42*	*2*
Naphthalene, 1,7-dimethyl-	*16*	*T J N*	*ug/L*		*14.25*	*575-37-1*		*12/27/21 15:42*	*2*
Naphthalene, 1,8-dimethyl-	*8.6*	*T J N*	*ug/L*		*14.43*	*569-41-5*		*12/27/21 15:42*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*12/27/21 15:42*	*2*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*12/27/21 15:42*	*2*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*12/27/21 15:42*	*2*
Toluene-d8 (Surr)	*96*		*80 - 120*		*12/27/21 15:42*	*2*

Client Sample ID: RIBW-03-121621

Lab Sample ID: 480-193744-5
Matrix: Water
Date Collected: 12/16/21 12:35
Date Received: 12/22/21 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/21 16:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/21 16:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/21 16:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/21 16:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/21 16:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/21 16:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/21 16:05	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			12/27/21 16:05	1

Client Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: RIBW-03-121621

Date Collected: 12/16/21 12:35
Date Received: 12/22/21 11:35

Lab Sample ID: 480-193744-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/21 16:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/21 16:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/21 16:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/21 16:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/21 16:05	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			12/27/21 16:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/21 16:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/21 16:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/21 16:05	1
2-Hexanone	ND		5.0	1.2	ug/L			12/27/21 16:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/27/21 16:05	1
Acetone	ND		10	3.0	ug/L			12/27/21 16:05	1
Benzene	ND		1.0	0.41	ug/L			12/27/21 16:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/21 16:05	1
Bromoform	ND		1.0	0.26	ug/L			12/27/21 16:05	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/21 16:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/21 16:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/21 16:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/21 16:05	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/21 16:05	1
Chloroform	ND		1.0	0.34	ug/L			12/27/21 16:05	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/21 16:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/21 16:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/21 16:05	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/21 16:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/21 16:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/21 16:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/21 16:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/21 16:05	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/21 16:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/21 16:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/21 16:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/21 16:05	1
Naphthalene	ND		1.0	0.43	ug/L			12/27/21 16:05	1
n-Butylbenzene	ND		1.0	0.64	ug/L			12/27/21 16:05	1
N-Propylbenzene	ND		1.0	0.69	ug/L			12/27/21 16:05	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			12/27/21 16:05	1
Styrene	ND		1.0	0.73	ug/L			12/27/21 16:05	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			12/27/21 16:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/21 16:05	1
Toluene	ND		1.0	0.51	ug/L			12/27/21 16:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/21 16:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/21 16:05	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/21 16:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/21 16:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/21 16:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/21 16:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Fluorene	*28*	*T J N*	*ug/L*		*11.98*	*86-73-7*		*12/27/21 16:05*	*1*

Client Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: RIBW-03-121621

Lab Sample ID: 480-193744-5

Date Collected: 12/16/21 12:35
Matrix: Water
Date Received: 12/22/21 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown Carboxylic Acid	4.6	T J	ug/L		12.70			12/27/21 16:05	1
Dibenzofuran, 4-methyl-	6.5	T J N	ug/L		13.13	7320-53-8		12/27/21 16:05	1
Naphthalene, 2-methyl-	3.1	T J N	ug/L		13.47	91-57-6		12/27/21 16:05	1
Naphthalene, 1,6-dimethyl-	5.0	T J N	ug/L		14.25	575-43-9		12/27/21 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		12/27/21 16:05	1
4-Bromofluorobenzene (Surr)	105		73 - 120		12/27/21 16:05	1
Dibromofluoromethane (Surr)	100		75 - 123		12/27/21 16:05	1
Toluene-d8 (Surr)	98		80 - 120		12/27/21 16:05	1

Client Sample ID: MW-06R-121721

Lab Sample ID: 480-193744-6

Date Collected: 12/17/21 13:55
Matrix: Water
Date Received: 12/22/21 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/21 16:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/21 16:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/21 16:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/21 16:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/21 16:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/21 16:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/21 16:28	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			12/27/21 16:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/21 16:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/21 16:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/21 16:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/21 16:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/21 16:28	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			12/27/21 16:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/21 16:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/21 16:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/21 16:28	1
2-Hexanone	ND		5.0	1.2	ug/L			12/27/21 16:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/27/21 16:28	1
Acetone	ND		10	3.0	ug/L			12/27/21 16:28	1
Benzene	ND		1.0	0.41	ug/L			12/27/21 16:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/21 16:28	1
Bromoform	ND		1.0	0.26	ug/L			12/27/21 16:28	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/21 16:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/21 16:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/21 16:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/21 16:28	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/21 16:28	1
Chloroform	ND		1.0	0.34	ug/L			12/27/21 16:28	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/21 16:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/21 16:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/21 16:28	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/21 16:28	1

Client Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: MW-06R-121721

Lab Sample ID: 480-193744-6
Matrix: Water
Date Collected: 12/17/21 13:55
Date Received: 12/22/21 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/21 16:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/21 16:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/21 16:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/21 16:28	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/21 16:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/21 16:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/21 16:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/21 16:28	1
Naphthalene	ND		1.0	0.43	ug/L			12/27/21 16:28	1
n-Butylbenzene	ND		1.0	0.64	ug/L			12/27/21 16:28	1
N-Propylbenzene	ND		1.0	0.69	ug/L			12/27/21 16:28	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			12/27/21 16:28	1
Styrene	ND		1.0	0.73	ug/L			12/27/21 16:28	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			12/27/21 16:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/21 16:28	1
Toluene	ND		1.0	0.51	ug/L			12/27/21 16:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/21 16:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/21 16:28	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/21 16:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/21 16:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/21 16:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/21 16:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Fluorene	*5.1*	*T J N*	*ug/L*		*11.99*	*86-73-7*		*12/27/21 16:28*	*1*
Unknown	*2.5*	*T J*	*ug/L*		*14.25*			*12/27/21 16:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*12/27/21 16:28*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*12/27/21 16:28*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*12/27/21 16:28*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*12/27/21 16:28*	*1*

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-193744-7
Matrix: Water
Date Collected: 12/16/21 06:00
Date Received: 12/22/21 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/21 16:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/21 16:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/21 16:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/21 16:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/21 16:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/21 16:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/21 16:52	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			12/27/21 16:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/21 16:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/21 16:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/21 16:52	1

Client Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-193744-7

Date Collected: 12/16/21 06:00
Date Received: 12/22/21 11:35

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/21 16:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/21 16:52	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			12/27/21 16:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/21 16:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/21 16:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/21 16:52	1
2-Hexanone	ND		5.0	1.2	ug/L			12/27/21 16:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/27/21 16:52	1
Acetone	ND		10	3.0	ug/L			12/27/21 16:52	1
Benzene	ND		1.0	0.41	ug/L			12/27/21 16:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/21 16:52	1
Bromoform	ND		1.0	0.26	ug/L			12/27/21 16:52	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/21 16:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/21 16:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/21 16:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/21 16:52	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/21 16:52	1
Chloroform	ND		1.0	0.34	ug/L			12/27/21 16:52	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/21 16:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/21 16:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/21 16:52	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/21 16:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/21 16:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/21 16:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/21 16:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/21 16:52	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/21 16:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/21 16:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/21 16:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/21 16:52	1
Naphthalene	ND		1.0	0.43	ug/L			12/27/21 16:52	1
n-Butylbenzene	ND		1.0	0.64	ug/L			12/27/21 16:52	1
N-Propylbenzene	ND		1.0	0.69	ug/L			12/27/21 16:52	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			12/27/21 16:52	1
Styrene	ND		1.0	0.73	ug/L			12/27/21 16:52	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			12/27/21 16:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/21 16:52	1
Toluene	ND		1.0	0.51	ug/L			12/27/21 16:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/21 16:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/21 16:52	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/21 16:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/21 16:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/21 16:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/21 16:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*12/27/21 16:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*12/27/21 16:52*	*1*

Client Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: TRIP BLANK

Date Collected: 12/16/21 06:00
Date Received: 12/22/21 11:35

Lab Sample ID: 480-193744-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		73 - 120		12/27/21 16:52	1
Dibromofluoromethane (Surr)	100		75 - 123		12/27/21 16:52	1
Toluene-d8 (Surr)	98		80 - 120		12/27/21 16:52	1

Surrogate Summary

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-193744-1	DUPE-121721	106	102	101	96
480-193744-2	RIBW-01R-121721	99	101	98	97
480-193744-2 MS	RIBW-01R-121721	95	104	94	99
480-193744-2 MSD	RIBW-01R-121721	95	100	95	96
480-193744-3	RIBW-02R-121721	97	100	96	96
480-193744-3 - DL	RIBW-02R-121721	99	100	96	95
480-193744-4	MW-08R-121621	99	97	99	96
480-193744-5	RIBW-03-121621	98	105	100	98
480-193744-6	MW-06R-121721	100	101	96	93
480-193744-7	TRIP BLANK	102	104	100	98
LCS 480-610078/5	Lab Control Sample	96	101	98	97
LCS 480-610196/6	Lab Control Sample	98	103	96	98
MB 480-610078/7	Method Blank	96	100	96	98
MB 480-610196/8	Method Blank	104	99	101	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-610078/7
Matrix: Water
Analysis Batch: 610078

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/27/21 13:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/27/21 13:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/27/21 13:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/27/21 13:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/27/21 13:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/27/21 13:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/27/21 13:14	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			12/27/21 13:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/27/21 13:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/27/21 13:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/27/21 13:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/27/21 13:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/27/21 13:14	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			12/27/21 13:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/27/21 13:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/27/21 13:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/27/21 13:14	1
2-Hexanone	ND		5.0	1.2	ug/L			12/27/21 13:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/27/21 13:14	1
Acetone	ND		10	3.0	ug/L			12/27/21 13:14	1
Benzene	ND		1.0	0.41	ug/L			12/27/21 13:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/27/21 13:14	1
Bromoform	ND		1.0	0.26	ug/L			12/27/21 13:14	1
Bromomethane	ND		1.0	0.69	ug/L			12/27/21 13:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/27/21 13:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/27/21 13:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/27/21 13:14	1
Chloroethane	ND		1.0	0.32	ug/L			12/27/21 13:14	1
Chloroform	ND		1.0	0.34	ug/L			12/27/21 13:14	1
Chloromethane	ND		1.0	0.35	ug/L			12/27/21 13:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/27/21 13:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/27/21 13:14	1
Cyclohexane	ND		1.0	0.18	ug/L			12/27/21 13:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/27/21 13:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/27/21 13:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/27/21 13:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/27/21 13:14	1
Methyl acetate	ND		2.5	1.3	ug/L			12/27/21 13:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/27/21 13:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/27/21 13:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/27/21 13:14	1
Naphthalene	ND		1.0	0.43	ug/L			12/27/21 13:14	1
n-Butylbenzene	ND		1.0	0.64	ug/L			12/27/21 13:14	1
N-Propylbenzene	ND		1.0	0.69	ug/L			12/27/21 13:14	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			12/27/21 13:14	1
Styrene	ND		1.0	0.73	ug/L			12/27/21 13:14	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			12/27/21 13:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/27/21 13:14	1

QC Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-610078/7
Matrix: Water
Analysis Batch: 610078

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.51	ug/L			12/27/21 13:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/27/21 13:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/27/21 13:14	1
Trichloroethene	ND		1.0	0.46	ug/L			12/27/21 13:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/27/21 13:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/27/21 13:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/27/21 13:14	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*12/27/21 13:14*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*12/27/21 13:14*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*12/27/21 13:14*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*12/27/21 13:14*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/27/21 13:14*	*1*

Lab Sample ID: LCS 480-610078/5
Matrix: Water
Analysis Batch: 610078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.6		ug/L		91	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.5		ug/L		90	61 - 148
1,1,2-Trichloroethane	25.0	24.9		ug/L		100	76 - 122
1,1-Dichloroethane	25.0	24.2		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	22.9		ug/L		92	66 - 127
1,2,4-Trichlorobenzene	25.0	23.0		ug/L		92	79 - 122
1,2,4-Trimethylbenzene	25.0	24.7		ug/L		99	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	22.4		ug/L		89	56 - 134
1,2-Dibromoethane	25.0	24.1		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	23.5		ug/L		94	75 - 120
1,2-Dichloropropane	25.0	24.9		ug/L		100	76 - 120
1,3,5-Trimethylbenzene	25.0	25.1		ug/L		100	77 - 121
1,3-Dichlorobenzene	25.0	24.9		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 120
2-Butanone (MEK)	125	124		ug/L		100	57 - 140
2-Hexanone	125	122		ug/L		98	65 - 127
4-Methyl-2-pentanone (MIBK)	125	117		ug/L		94	71 - 125
Acetone	125	129		ug/L		103	56 - 142
Benzene	25.0	24.4		ug/L		97	71 - 124
Bromodichloromethane	25.0	25.4		ug/L		102	80 - 122
Bromoform	25.0	26.7		ug/L		107	61 - 132
Bromomethane	25.0	22.6		ug/L		90	55 - 144
Carbon disulfide	25.0	22.2		ug/L		89	59 - 134

QC Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-610078/5
Matrix: Water
Analysis Batch: 610078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	25.0	25.1		ug/L		100	72 - 134
Chlorobenzene	25.0	25.2		ug/L		101	80 - 120
Chloroethane	25.0	25.1		ug/L		101	69 - 136
Chloroform	25.0	23.7		ug/L		95	73 - 127
Chloromethane	25.0	25.2		ug/L		101	68 - 124
cis-1,2-Dichloroethene	25.0	23.7		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	25.8		ug/L		103	74 - 124
Cyclohexane	25.0	22.1		ug/L		89	59 - 135
Dibromochloromethane	25.0	26.1		ug/L		104	75 - 125
Dichlorodifluoromethane	25.0	27.0		ug/L		108	59 - 135
Ethylbenzene	25.0	25.2		ug/L		101	77 - 123
Isopropylbenzene	25.0	25.3		ug/L		101	77 - 122
Methyl acetate	50.0	45.0		ug/L		90	74 - 133
Methyl tert-butyl ether	25.0	22.8		ug/L		91	77 - 120
Methylcyclohexane	25.0	25.3		ug/L		101	68 - 134
Methylene Chloride	25.0	22.8		ug/L		91	75 - 124
Naphthalene	25.0	22.2		ug/L		89	66 - 125
n-Butylbenzene	25.0	25.4		ug/L		102	71 - 128
N-Propylbenzene	25.0	25.2		ug/L		101	75 - 127
sec-Butylbenzene	25.0	25.3		ug/L		101	74 - 127
Styrene	25.0	26.6		ug/L		107	80 - 120
tert-Butylbenzene	25.0	24.8		ug/L		99	75 - 123
Tetrachloroethene	25.0	25.2		ug/L		101	74 - 122
Toluene	25.0	24.6		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	73 - 127
trans-1,3-Dichloropropene	25.0	26.2		ug/L		105	80 - 120
Trichloroethene	25.0	24.9		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	24.8		ug/L		99	62 - 150
Vinyl chloride	25.0	25.8		ug/L		103	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 480-193744-2 MS
Matrix: Water
Analysis Batch: 610078

Client Sample ID: RIBW-01R-121721
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	25.9		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	25.1		ug/L		101	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	17.6		ug/L		70	61 - 148
1,1,2-Trichloroethane	ND	F2	25.0	25.8		ug/L		103	76 - 122
1,1-Dichloroethane	ND		25.0	26.2		ug/L		105	77 - 120
1,1-Dichloroethene	ND	F2	25.0	27.2		ug/L		109	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	24.9		ug/L		100	79 - 122

QC Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-193744-2 MS
Matrix: Water
Analysis Batch: 610078

Client Sample ID: RIBW-01R-121721
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	ND		25.0	26.2		ug/L		105	76 - 121
1,2-Dibromo-3-Chloropropane	ND		25.0	28.3		ug/L		113	56 - 134
1,2-Dibromoethane	ND		25.0	25.6		ug/L		102	77 - 120
1,2-Dichlorobenzene	ND		25.0	24.9		ug/L		100	80 - 124
1,2-Dichloroethane	ND		25.0	24.1		ug/L		96	75 - 120
1,2-Dichloropropane	ND		25.0	26.3		ug/L		105	76 - 120
1,3,5-Trimethylbenzene	ND		25.0	26.6		ug/L		106	77 - 121
1,3-Dichlorobenzene	ND		25.0	26.1		ug/L		104	77 - 120
1,4-Dichlorobenzene	ND		25.0	25.5		ug/L		102	78 - 124
2-Butanone (MEK)	ND		125	131		ug/L		105	57 - 140
2-Hexanone	ND		125	138		ug/L		110	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	135		ug/L		108	71 - 125
Acetone	ND		125	117		ug/L		94	56 - 142
Benzene	1.9	F2	25.0	28.8		ug/L		108	71 - 124
Bromodichloromethane	ND		25.0	26.3		ug/L		105	80 - 122
Bromoform	ND	F2	25.0	26.0		ug/L		104	61 - 132
Bromomethane	ND		25.0	22.0		ug/L		88	55 - 144
Carbon disulfide	ND		25.0	24.1		ug/L		96	59 - 134
Carbon tetrachloride	ND		25.0	26.3		ug/L		105	72 - 134
Chlorobenzene	ND		25.0	26.8		ug/L		107	80 - 120
Chloroethane	ND		25.0	24.3		ug/L		97	69 - 136
Chloroform	ND		25.0	24.7		ug/L		99	73 - 127
Chloromethane	ND	F1	25.0	32.4	F1	ug/L		129	68 - 124
cis-1,2-Dichloroethene	8.4		25.0	34.0		ug/L		102	74 - 124
cis-1,3-Dichloropropene	ND		25.0	24.8		ug/L		99	74 - 124
Cyclohexane	ND		25.0	23.5		ug/L		94	59 - 135
Dibromochloromethane	ND	F2	25.0	26.2		ug/L		105	75 - 125
Dichlorodifluoromethane	ND		25.0	24.5		ug/L		98	59 - 135
Ethylbenzene	3.0	F2	25.0	31.3		ug/L		113	77 - 123
Isopropylbenzene	ND		25.0	27.7		ug/L		111	77 - 122
Methyl acetate	ND		50.0	48.2		ug/L		96	74 - 133
Methyl tert-butyl ether	ND		25.0	23.5		ug/L		94	77 - 120
Methylcyclohexane	ND		25.0	26.3		ug/L		105	68 - 134
Methylene Chloride	ND		25.0	23.6		ug/L		94	75 - 124
Naphthalene	3.1		25.0	28.9		ug/L		103	66 - 125
n-Butylbenzene	ND		25.0	27.5		ug/L		110	71 - 128
N-Propylbenzene	ND	F2	25.0	27.7		ug/L		111	75 - 127
sec-Butylbenzene	ND		25.0	27.6		ug/L		110	74 - 127
Styrene	ND	F1 F2	25.0	24.8		ug/L		99	80 - 120
tert-Butylbenzene	ND		25.0	27.7		ug/L		111	75 - 123
Tetrachloroethene	ND		25.0	29.0		ug/L		116	74 - 122
Toluene	ND	F2	25.0	27.4		ug/L		109	80 - 122
trans-1,2-Dichloroethene	22		25.0	47.0		ug/L		101	73 - 127
trans-1,3-Dichloropropene	ND	F2	25.0	25.6		ug/L		103	80 - 120
Trichloroethene	9.0		25.0	36.4		ug/L		110	74 - 123
Trichlorofluoromethane	ND		25.0	22.9		ug/L		92	62 - 150
Vinyl chloride	ND		25.0	26.6		ug/L		106	65 - 133

QC Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-193744-2 MS
Matrix: Water
Analysis Batch: 610078

Client Sample ID: RIBW-01R-121721
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 123*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 480-193744-2 MSD
Matrix: Water
Analysis Batch: 610078

Client Sample ID: RIBW-01R-121721
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	22.7		ug/L		91	73 - 126	13	15
1,1,2,2-Tetrachloroethane	ND		25.0	21.6		ug/L		86	76 - 120	15	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	15.5		ug/L		62	61 - 148	13	20
1,1,2-Trichloroethane	ND	F2	25.0	22.0	F2	ug/L		88	76 - 122	16	15
1,1-Dichloroethane	ND		25.0	22.4		ug/L		90	77 - 120	15	20
1,1-Dichloroethene	ND	F2	25.0	21.5	F2	ug/L		86	66 - 127	23	16
1,2,4-Trichlorobenzene	ND		25.0	21.8		ug/L		87	79 - 122	13	20
1,2,4-Trimethylbenzene	ND		25.0	23.0		ug/L		92	76 - 121	13	20
1,2-Dibromo-3-Chloropropane	ND		25.0	25.9		ug/L		104	56 - 134	9	15
1,2-Dibromoethane	ND		25.0	21.9		ug/L		88	77 - 120	15	15
1,2-Dichlorobenzene	ND		25.0	22.0		ug/L		88	80 - 124	13	20
1,2-Dichloroethane	ND		25.0	21.6		ug/L		86	75 - 120	11	20
1,2-Dichloropropane	ND		25.0	22.6		ug/L		90	76 - 120	15	20
1,3,5-Trimethylbenzene	ND		25.0	22.8		ug/L		91	77 - 121	15	20
1,3-Dichlorobenzene	ND		25.0	22.5		ug/L		90	77 - 120	15	20
1,4-Dichlorobenzene	ND		25.0	22.1		ug/L		88	78 - 124	14	20
2-Butanone (MEK)	ND		125	121		ug/L		97	57 - 140	8	20
2-Hexanone	ND		125	123		ug/L		98	65 - 127	12	15
4-Methyl-2-pentanone (MIBK)	ND		125	118		ug/L		94	71 - 125	14	35
Acetone	ND		125	107		ug/L		86	56 - 142	9	15
Benzene	1.9	F2	25.0	24.8	F2	ug/L		92	71 - 124	15	13
Bromodichloromethane	ND		25.0	22.9		ug/L		92	80 - 122	14	15
Bromoform	ND	F2	25.0	21.5	F2	ug/L		86	61 - 132	19	15
Bromomethane	ND		25.0	22.6		ug/L		91	55 - 144	3	15
Carbon disulfide	ND		25.0	21.0		ug/L		84	59 - 134	14	15
Carbon tetrachloride	ND		25.0	23.0		ug/L		92	72 - 134	14	15
Chlorobenzene	ND		25.0	22.5		ug/L		90	80 - 120	17	25
Chloroethane	ND		25.0	26.6		ug/L		106	69 - 136	9	15
Chloroform	ND		25.0	21.7		ug/L		87	73 - 127	13	20
Chloromethane	ND	F1	25.0	33.4	F1	ug/L		134	68 - 124	3	15
cis-1,2-Dichloroethene	8.4		25.0	30.1		ug/L		87	74 - 124	12	15
cis-1,3-Dichloropropene	ND		25.0	21.5		ug/L		86	74 - 124	14	15
Cyclohexane	ND		25.0	20.3		ug/L		81	59 - 135	15	20
Dibromochloromethane	ND	F2	25.0	21.4	F2	ug/L		86	75 - 125	20	15
Dichlorodifluoromethane	ND		25.0	25.9		ug/L		104	59 - 135	5	20
Ethylbenzene	3.0	F2	25.0	26.2	F2	ug/L		93	77 - 123	18	15
Isopropylbenzene	ND		25.0	23.9		ug/L		96	77 - 122	15	20
Methyl acetate	ND		50.0	43.9		ug/L		88	74 - 133	9	20

QC Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-193744-2 MSD
Matrix: Water
Analysis Batch: 610078

Client Sample ID: RIBW-01R-121721
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	ND		25.0	21.0		ug/L		84	77 - 120	11	37
Methylcyclohexane	ND		25.0	22.6		ug/L		91	68 - 134	15	20
Methylene Chloride	ND		25.0	21.9		ug/L		87	75 - 124	7	15
Naphthalene	3.1		25.0	26.7		ug/L		94	66 - 125	8	20
n-Butylbenzene	ND		25.0	23.9		ug/L		96	71 - 128	14	15
N-Propylbenzene	ND	F2	25.0	23.6	F2	ug/L		95	75 - 127	16	15
sec-Butylbenzene	ND		25.0	24.1		ug/L		96	74 - 127	13	15
Styrene	ND	F1 F2	25.0	19.4	F1 F2	ug/L		78	80 - 120	24	20
tert-Butylbenzene	ND		25.0	24.1		ug/L		97	75 - 123	14	15
Tetrachloroethene	ND		25.0	23.8		ug/L		95	74 - 122	20	20
Toluene	ND	F2	25.0	22.9	F2	ug/L		92	80 - 122	18	15
trans-1,2-Dichloroethene	22		25.0	43.5		ug/L		87	73 - 127	8	20
trans-1,3-Dichloropropene	ND	F2	25.0	21.2	F2	ug/L		85	80 - 120	19	15
Trichloroethene	9.0		25.0	32.4		ug/L		94	74 - 123	12	16
Trichlorofluoromethane	ND		25.0	20.7		ug/L		83	62 - 150	10	20
Vinyl chloride	ND		25.0	27.3		ug/L		109	65 - 133	3	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: MB 480-610196/8
Matrix: Water
Analysis Batch: 610196

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/28/21 12:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/28/21 12:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/28/21 12:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/28/21 12:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/28/21 12:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/28/21 12:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/28/21 12:38	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			12/28/21 12:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/28/21 12:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/28/21 12:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/28/21 12:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/28/21 12:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/28/21 12:38	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			12/28/21 12:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/28/21 12:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/28/21 12:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/28/21 12:38	1
2-Hexanone	ND		5.0	1.2	ug/L			12/28/21 12:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/28/21 12:38	1
Acetone	ND		10	3.0	ug/L			12/28/21 12:38	1

QC Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-610196/8
Matrix: Water
Analysis Batch: 610196

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			12/28/21 12:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/28/21 12:38	1
Bromoform	ND		1.0	0.26	ug/L			12/28/21 12:38	1
Bromomethane	ND		1.0	0.69	ug/L			12/28/21 12:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/28/21 12:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/28/21 12:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/28/21 12:38	1
Chloroethane	ND		1.0	0.32	ug/L			12/28/21 12:38	1
Chloroform	ND		1.0	0.34	ug/L			12/28/21 12:38	1
Chloromethane	ND		1.0	0.35	ug/L			12/28/21 12:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/28/21 12:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/28/21 12:38	1
Cyclohexane	ND		1.0	0.18	ug/L			12/28/21 12:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/28/21 12:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/28/21 12:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/28/21 12:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/28/21 12:38	1
Methyl acetate	ND		2.5	1.3	ug/L			12/28/21 12:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/28/21 12:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/28/21 12:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/28/21 12:38	1
Naphthalene	ND		1.0	0.43	ug/L			12/28/21 12:38	1
n-Butylbenzene	ND		1.0	0.64	ug/L			12/28/21 12:38	1
N-Propylbenzene	ND		1.0	0.69	ug/L			12/28/21 12:38	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			12/28/21 12:38	1
Styrene	ND		1.0	0.73	ug/L			12/28/21 12:38	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			12/28/21 12:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/28/21 12:38	1
Toluene	ND		1.0	0.51	ug/L			12/28/21 12:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/28/21 12:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/28/21 12:38	1
Trichloroethene	ND		1.0	0.46	ug/L			12/28/21 12:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/28/21 12:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/28/21 12:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/28/21 12:38	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*12/28/21 12:38*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*12/28/21 12:38*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*12/28/21 12:38*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*12/28/21 12:38*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*12/28/21 12:38*	*1*

QC Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-610196/6
Matrix: Water
Analysis Batch: 610196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.7		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.7		ug/L		99	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.6		ug/L		82	61 - 148
1,1,2-Trichloroethane	25.0	25.1		ug/L		101	76 - 122
1,1-Dichloroethane	25.0	25.2		ug/L		101	77 - 120
1,1-Dichloroethene	25.0	24.2		ug/L		97	66 - 127
1,2,4-Trichlorobenzene	25.0	23.6		ug/L		95	79 - 122
1,2,4-Trimethylbenzene	25.0	25.6		ug/L		102	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	25.6		ug/L		102	56 - 134
1,2-Dibromoethane	25.0	25.1		ug/L		101	77 - 120
1,2-Dichlorobenzene	25.0	24.9		ug/L		100	80 - 124
1,2-Dichloroethane	25.0	24.3		ug/L		97	75 - 120
1,2-Dichloropropane	25.0	25.6		ug/L		103	76 - 120
1,3,5-Trimethylbenzene	25.0	26.0		ug/L		104	77 - 121
1,3-Dichlorobenzene	25.0	26.1		ug/L		104	77 - 120
1,4-Dichlorobenzene	25.0	25.1		ug/L		100	80 - 120
2-Butanone (MEK)	125	138		ug/L		110	57 - 140
2-Hexanone	125	136		ug/L		108	65 - 127
4-Methyl-2-pentanone (MIBK)	125	129		ug/L		103	71 - 125
Acetone	125	140		ug/L		112	56 - 142
Benzene	25.0	25.5		ug/L		102	71 - 124
Bromodichloromethane	25.0	25.9		ug/L		104	80 - 122
Bromoform	25.0	27.9		ug/L		112	61 - 132
Bromomethane	25.0	24.4		ug/L		97	55 - 144
Carbon disulfide	25.0	21.8		ug/L		87	59 - 134
Carbon tetrachloride	25.0	25.1		ug/L		100	72 - 134
Chlorobenzene	25.0	25.8		ug/L		103	80 - 120
Chloroethane	25.0	25.6		ug/L		102	69 - 136
Chloroform	25.0	24.0		ug/L		96	73 - 127
Chloromethane	25.0	24.1		ug/L		96	68 - 124
cis-1,2-Dichloroethene	25.0	25.1		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	26.2		ug/L		105	74 - 124
Cyclohexane	25.0	22.0		ug/L		88	59 - 135
Dibromochloromethane	25.0	26.3		ug/L		105	75 - 125
Dichlorodifluoromethane	25.0	22.7		ug/L		91	59 - 135
Ethylbenzene	25.0	26.1		ug/L		104	77 - 123
Isopropylbenzene	25.0	25.9		ug/L		104	77 - 122
Methyl acetate	50.0	49.1		ug/L		98	74 - 133
Methyl tert-butyl ether	25.0	23.5		ug/L		94	77 - 120
Methylcyclohexane	25.0	26.0		ug/L		104	68 - 134
Methylene Chloride	25.0	22.9		ug/L		91	75 - 124
Naphthalene	25.0	23.7		ug/L		95	66 - 125
n-Butylbenzene	25.0	25.6		ug/L		102	71 - 128
N-Propylbenzene	25.0	26.2		ug/L		105	75 - 127
sec-Butylbenzene	25.0	26.0		ug/L		104	74 - 127
Styrene	25.0	26.6		ug/L		106	80 - 120
tert-Butylbenzene	25.0	25.9		ug/L		104	75 - 123
Tetrachloroethene	25.0	26.1		ug/L		104	74 - 122

QC Sample Results

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-610196/6
Matrix: Water
Analysis Batch: 610196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	25.0	24.9		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	24.4		ug/L		98	73 - 127
trans-1,3-Dichloropropene	25.0	27.1		ug/L		108	80 - 120
Trichloroethene	25.0	25.3		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	22.2		ug/L		89	62 - 150
Vinyl chloride	25.0	24.6		ug/L		99	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Dibromofluoromethane (Surr)	*96*		*75 - 123*
Toluene-d8 (Surr)	*98*		*80 - 120*

QC Association Summary

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

GC/MS VOA

Analysis Batch: 610078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193744-1	DUPE-121721	Total/NA	Water	8260C	
480-193744-2	RIBW-01R-121721	Total/NA	Water	8260C	
480-193744-3	RIBW-02R-121721	Total/NA	Water	8260C	
480-193744-4	MW-08R-121621	Total/NA	Water	8260C	
480-193744-5	RIBW-03-121621	Total/NA	Water	8260C	
480-193744-6	MW-06R-121721	Total/NA	Water	8260C	
480-193744-7	TRIP BLANK	Total/NA	Water	8260C	
MB 480-610078/7	Method Blank	Total/NA	Water	8260C	
LCS 480-610078/5	Lab Control Sample	Total/NA	Water	8260C	
480-193744-2 MS	RIBW-01R-121721	Total/NA	Water	8260C	
480-193744-2 MSD	RIBW-01R-121721	Total/NA	Water	8260C	

Analysis Batch: 610196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193744-3 - DL	RIBW-02R-121721	Total/NA	Water	8260C	
MB 480-610196/8	Method Blank	Total/NA	Water	8260C	
LCS 480-610196/6	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Client Sample ID: DUPE-121721
Lab Sample ID: 480-193744-1
Date Collected: 12/17/21 00:00
Matrix: Water
Date Received: 12/22/21 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	610078	12/27/21 14:33	AXK	TAL BUF

Client Sample ID: RIBW-01R-121721
Lab Sample ID: 480-193744-2
Date Collected: 12/17/21 09:25
Matrix: Water
Date Received: 12/22/21 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	610078	12/27/21 14:56	AXK	TAL BUF

Client Sample ID: RIBW-02R-121721
Lab Sample ID: 480-193744-3
Date Collected: 12/17/21 12:00
Matrix: Water
Date Received: 12/22/21 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	610078	12/27/21 15:19	AXK	TAL BUF
Total/NA	Analysis	8260C	DL	5	610196	12/28/21 13:14	CRL	TAL BUF

Client Sample ID: MW-08R-121621
Lab Sample ID: 480-193744-4
Date Collected: 12/16/21 11:00
Matrix: Water
Date Received: 12/22/21 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	610078	12/27/21 15:42	AXK	TAL BUF

Client Sample ID: RIBW-03-121621
Lab Sample ID: 480-193744-5
Date Collected: 12/16/21 12:35
Matrix: Water
Date Received: 12/22/21 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	610078	12/27/21 16:05	AXK	TAL BUF

Client Sample ID: MW-06R-121721
Lab Sample ID: 480-193744-6
Date Collected: 12/17/21 13:55
Matrix: Water
Date Received: 12/22/21 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	610078	12/27/21 16:28	AXK	TAL BUF

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-193744-7
Date Collected: 12/16/21 06:00
Matrix: Water
Date Received: 12/22/21 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	610078	12/27/21 16:52	AXK	TAL BUF

Lab Chronicle

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

Method Summary

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Alpha Analytical Inc
Project/Site: L2169922

Job ID: 480-193744-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-193744-1	DUPE-121721	Water	12/17/21 00:00	12/22/21 11:35
480-193744-2	RIBW-01R-121721	Water	12/17/21 09:25	12/22/21 11:35
480-193744-3	RIBW-02R-121721	Water	12/17/21 12:00	12/22/21 11:35
480-193744-4	MW-08R-121621	Water	12/16/21 11:00	12/22/21 11:35
480-193744-5	RIBW-03-121621	Water	12/16/21 12:35	12/22/21 11:35
480-193744-6	MW-06R-121721	Water	12/17/21 13:55	12/22/21 11:35
480-193744-7	TRIP BLANK	Water	12/16/21 06:00	12/22/21 11:35

Subcontract Chain of Custody

Test America (Buffalo)
10 Hazelwood Dr
Amherst, NY 14228

Alpha Job Number
L2169922

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Phone: 716.427.5229
Email: mdeyo@alphalab.com

Project Information

Project Location: NY
Project Manager: Melissa Deyo

Turnaround & Deliverables Information

Due Date: 01/04/21
Deliverables:

Regulatory Requirements/Report Limits

State/Federal Program: NYDOH
Regulatory Criteria:

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2169922

Report to include Method Blank, LCS/LCSD:

Additional Comments: Send all results/reports to subreports@alphalab.com ;ASP-B and NYSDEC Equis EDD needed; TCL+CP-51 VOAs + TICs

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
	DUPE-121721	12-17-21 00:00	WATER	8260	
	RIBW-01R-121721	12-17-21 09:25	WATER	8260	MS;MSD
	RIBW-02R-121721	12-17-21 12:00	WATER	8260	
	MW-08R-121621	12-16-21 11:00	WATER	8260	
	RIBW-03-121621	12-16-21 12:35	WATER	8260	
	MW-06R-121721	12-17-21 13:55	WATER	8260	
	TRIP BLANK	12-16-21 06:00	WATER	8260	

480-193744 Chain of Custody

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	[illegible] 12/21/21		R. Lyons 12/22/21	7:00
	R. Lyons 12/22/21 9:15	1135	[illegible] AAC 12/22/21	915
Form No: AL_subcoc	[illegible] AAC 12/22/21		[illegible] 12/22/21 2.0 ICE	1135

Login Sample Receipt Checklist

Client: Alpha Analytical Inc

Job Number: 480-193744-1

Login Number: 193744
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ALPHA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

APPENDIX 2

Groundwater Sampling Logs

GROUNDWATER SAMPLING LOG

LaBella

300 State Street
Rochester, New York 14614
Telephone: (585) 454-6110
Facsimile: (585) 454-3066

Project Name: NYSDEC BCP SITE NO. C828201
Location: 625 SOUTH GOODMAN ST, NEW YORK
Project No.: 2172056
Sampled By: A. deLaTorre
Date: 12/16/2021
Weather: 60°F Sun

WELL I.D.: RI-MW-03

WELL SAMPLING INFORMATION

Well Diameter: 4 11
Depth of Well: ~28
Measuring Point: TOC
Pump Type: Peri

Static Water Level: 20.62 Ft
Length of Well Screen: 10
Depth to Top of Pump: 25
Tubing Type: HDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	Temp °C	Dissolved O_2 (mg/L) + 10%	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) + 10%	Depth Water TOC	ADJ	Comments
1205	150 mL/min		12.5	0.24	3.164	6.55	-4.9	112.46	~~28.1~~	20.8	murky / Fe Rich.
1210	Stopped for 2 min		13.2	0.43	3.176	6.49	- 24.0	81.60	~~28.0~~	20.8	clears up
1215			12.0	0.10	3.237	6.53	- 24.7	3595	~~29~~	20.5	
1220			12.0	- 0.14	3.240	6.58	- 26.0	34.24	20.9		→ DO Not working correctly
1225			12.0	- 0.16	3.242	6.59	- 25.5	30.31	21.11		
1230			12.1	- 0.17	3.244	6.59	- 31.7	36.88	21.28		
1235			12.2	- 0.17	3.246	6.600	- 35.0	34.20	21.30		Collect Samples @ 1235 hrs

Total 0.75 Gallons Purged

Purge Time Start: _____ Purge Time End: _____ Final Static Water Level: _____

OBSERVATIONS

12/16/2021 → collected PFAS w/ bailer

GROUNDWATER SAMPLING LOG

LaBella

300 State Street
Rochester, New York 14614
Telephone: (585) 454-6110
Facsimile: (585) 454-3066

WELL I.D.: MW-05R

Project Name: NYSDEC BCP SITE NO. C828201
Location: 625 SOUTH GOODMAN ST, NEW YORK
Project No.: 2172056
Sampled By: ADJ
Date: 12/16/2021
Weather: 60°F Sun

WELL SAMPLING INFORMATION

Well Diameter: 2"
Depth of Well: ~70 ft
Measuring Point: N TOC
Pump Type: Peristaltic

Static Water Level: 19.5 → Dry after Bailer Purge for PFAS
Length of Well Screen: —
Depth to Top of Pump: Bottom Inch
Tubing Type: HDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	Temp °C	Dissolved O_2 (mg/L)	Conductivity (mS/cm)	pH	Redox (mV)	Turbidity (NTU)			Comments
				+ 10%	+/- 3%	+/- 0.1	+/- 10 mV	+ 10%			
											1100 Sample

Total ~~Gallons~~ Purged

Purge Time Start: — Purge Time End: — Final Static Water Level: Dry

OBSERVATIONS

No. Lack of Volume = 1 x 250mL PFAS – Low volume No Parameters.
Collected PFAS w/ Bailer → only 1 x 250mL

GROUNDWATER SAMPLING LOG

LaBella

300 State Street
Rochester, New York 14614
Telephone: (585) 454-6110
Facsimile: (585) 454-3066

Project Name: NYSDEC BCP SITE NO. C828201
Location: 625 SOUTH GOODMAN ST, NEW YORK
Project No.: 2172056
Sampled By: A.LaSalvia
Date: 12/16 - 12/17/2021
Weather: Sun 38°F wind

WELL I.D.: RIBW-02R

WELL SAMPLING INFORMATION

Well Diameter: 4" Metal
Depth of Well: ~26.0 Actual = 24.45
Measuring Point: TOC North
Pump Type: Peristaltic

Static Water Level: 19.44'
Length of Well Screen: 10 ft
Depth to Top of Pump: ~mid Screen 5 Ft From Bottom -5ft last Year ~ 22
Tubing Type: HDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	Temp °C	Dissolved O_2 (mg/L)	Conductivity (mS/cm)	pH	Redox (mV)	Turbidity (NTU)	Depth to water Ft		Comments
				+ 10%	+/- 3%	+/- 0.1	+/- 10 mV	+ 10%			
1120	100mL/min		10.3	0.17	1.409	6.65	~~-25.3~~ -30.1	24.49	19.55		Clear - Petro odor
1125			10.4	-0.09	1.420	6.60	-215.9	13.32	19.55		Oxygen was Calibrated
1130			10.5	-0.20	1.421	6.56	-275.7	8.39	19.55		Instrument Back to Negative
1135			10.8	-0.24	1.423	6.59	-233.7	7.77	19.56		
1140			10.8	-0.26	1.423	6.56	-237.9	8.10	19.57		
1145			10.7	-0.27	1.422	6.56	-243.8	7.97	19.58		
1150		In sun	~~10~~ 11.0	-0.28	1.419	6.62	-255.2	7.40	19.58		
1155		Back in shade	10.9	-0.29	1.425	6.58	-258.1	7.38	19.58		
1200			11.3	-0.28	1.418	6.59	-262.4	6.61	19.58		Collect sample @ 1200

Total _____ Gallons Purged × × × ⊘ × ×

Purge Time Start: _____ Purge Time End: _____ Final Static Water Level: _____

OBSERVATIONS

Collected PFAS - 12/16/2021 T. 0805 via Bailer + MS/MSD & DUPE - 12/16/21

GWL = 19.52 12/16

Cleaned & Calibrated DO Probe as per instruction from Elo Rental
↳ Still went Negative

GROUNDWATER SAMPLING LOG

LaBella

300 State Street
Rochester, New York 14614
Telephone: (585) 454-6110
Facsimile: (585) 454-3066

Project Name: NYSDEC BCP SITE NO. C828201
Location: 625 SOUTH GOODMAN ST, NEW YORK
Project No.: 2172056
Sampled By: A. deSilva
Date: 12/17/2021
Weather: Sun 40F

WELL I.D.: MW-06R

WELL SAMPLING INFORMATION

Well Diameter: 1" PVC
Depth of Well: 19.6 ft
Measuring Point: TOC North
Pump Type: Peristaltic

Static Water Level: 17.95
Length of Well Screen: —
Depth to Top of Pump: ~ 19
Tubing Type: HDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	Temp °C	Dissolved O_2 (mg/L) + 10%	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) + 10%			Comments
1255	80 mL/min		11.0	1.53	2.866	6.59	-74.7	625.29	18.88		Murky
1300			11.3	1.90	2.910	6.79	-75.6	421.75	~> Might not Be correct		DW Level due to
1305			10.9	2.56	2.920	6.79	-70.0	222.18			Tight Tubing & Meter
1310			10.8	3.40	2.920	6.78	-67.4	89.24			
1315			10.6	3.80	2.921	6.76	-64.2	62.84	Pretty much Dry – Refill		
1320			10.3	3.66	2.931	6.75	-62.0	41.05			Battery Dead on Pump – Swap.
1325			10.5	1.88	2.921	6.74	-64.6	37.01	→	Well	went Completely DRY
											Will wait for well
											to Recharge & Then Sample
											1335 → Collect SAMPLE

Total 0.65 Gallons Purged

Purge Time Start: 1250
Purge Time End:
Final Static Water Level:

OBSERVATIONS

PFAS collected 12/16/2021 via Bailer

– Well goes Dry & Recharges → sputters but water still coming IN → Lots of Bubbles.

Due to new Pump Battery – Could not slow peristaltic Down low Enough. Well Went Dry

GROUNDWATER SAMPLING LOG

LaBella

300 State Street
Rochester, New York 14614
Telephone: (585) 454-6110
Facsimile: (585) 454-3066

Project Name: NYSDEC BCP SITE NO. C828201
Location: 625 SOUTH GOODMAN ST, NEW YORK
Project No.: 2172056
Sampled By: A. DeSilva
Date: 12/17/2021
Weather: 37°F Wind

WELL I.D.: MW-04R

WELL SAMPLING INFORMATION

Well Diameter: 2" PVC
Depth of Well: 16.25'
Measuring Point: TOC North
Pump Type: Peristaltic

Static Water Level: Well DRY
Length of Well Screen: NA
Depth to Top of Pump: 13ft
Tubing Type: HDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	Temp °C	Dissolved O_2 (mg/L)	Conductivity (mS/cm)	pH	Redox (mV)	Turbidity (NTU)			Comments
				+ 10%	+/- 3%	+/- 0.1	+/- 10 mV	+ 10%			

Total _____ Gallons Purged

Purge Time Start: _____ Purge Time End: _____ Final Static Water Level: _____

OBSERVATIONS

Well Dry - No Sample

GROUNDWATER SAMPLING LOG

N. Fellows

LaBella
Powered by Partnership

300 State Street
Rochester, New York 14614
Telephone: (585) 454-6110
Facsimile: (585) 454-3066

VOC
SVOC

Project Name: NYSDEC BCP SITE NO. C828201
Location: 625 SOUTH GOODMAN ST, NEW YORK
Project No.: 2172056
Sampled By: A. deSilva
Date: 12/17/2021
Weather: 37°F Wind

WELL I.D.: RIBW-01R

WELL SAMPLING INFORMATION

Well Diameter: 4" metal
Depth of Well: ~26.99 — Real 26.55 TOC
Measuring Point: TOC North
Pump Type: Peristaltic

Static Water Level: 18.12
Length of Well Screen: —
Depth to Top of Pump: ~22 Hard to feed w/ HDPE Target Middle Screen
Tubing Type: HDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	Temp °C	Dissolved O_2 (mg/L)	Conductivity (mS/cm)	pH	Redox (mV)	Turbidity (NTU)	Depth to water PT →		Comments
				+ 10%	+/- 3%	+/- 0.1	+/- 10 mV	+ 10%			Clear -
845	250mL/min		6.0	-0.22	2.421	6.77	-101.3	79.49	18.20		Blackish w/ Sheen
850			6.0	-0.27	2.447	6.74	-109.9	216.94	18.20		clear
855			5.9	-0.31	2.464	6.74	-126.0	260.58	18.21		Particles
900			6.1	-0.32	2.474	6.75	-133.3	255.44	18.20		
905			6.9	-0.32	2.490	6.77	-139.6	172.34	18.21		
910			7.3	-0.28	2.477	6.76	-142.7	20.04	18.25		
915			7.0	-0.28	2.490	6.77	-145.5	23.55	18.25		
920			6.8	-0.29	2.482	6.79	-146.6	32.48	18.24		
925			7.0	-0.29	2.464	6.77	-145.6	32.01	18.25		Collect @ 925
930											VOC + MS/MSD + DUPE
935											SVOC + MS/MSD + DUPE
940											
945											

Total 1.1 Gallons Purged ~ x x x x x

Purge Time Start: _____ Purge Time End: _____ Final Static Water Level: _____

OBSERVATIONS

PFAS Collected Yesterday via Bailer

Troubleshoot O2

ECO Call:

1.) Look at Sensor (Black coating)
2) Reset Barometer on YSI
3.) Review Span Cal on Sensor →

Negative O2 → Tried Tilting and Breaking Bubbles free - Cauldle weather

LaBella

300 State Street
Rochester, New York 14614
Telephone: (585) 454-6110
Facsimile: (585) 454-3066

Project Name: Former Sherwood Shoe Company - SMP Groundwater Monitoring
Location: 625 South Goodman - Street
Project No.: 2172056
Sampled By: AGB
Date: 6.8.21
Weather: Partly Sunny 70's to Cloudy and rainy

WELL I.D.: RIBW-01R

WELL SAMPLING INFORMATION

Well Diameter: 4"
Depth of Well:
Measuring Point: Top of Casing
Pump Type: Peristaltic Pump

Static Water Level: 18.20
Length of Well Screen:
Depth to Top of Pump: ~24-ft
Tubing Type: HDPE 1/4 inch tubing

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Dissolved O_2 (mg/L) + 10%	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) + 10%	Depth to Water Ft. BGS		Comments
1345	100	Pump started									
1350	280	1	14.0	1.95	2.906	6.69	-36.9	8.50	18.24		Black material purged (solid)
1355	280		13.4	1.00	2.900	6.71	-58.7	9.75	18.25		Water clear
1400	280		13.2	0.87	2.898	6.75	-75.9	16.63	18.28		
1405	280		13.8	0.84	2.898	6.76	-82.6	32.20	18.28		
1410	100		13.8	0.82	2.897	6.77	-89.8	56.73	18.28		
1415	100		13.8	0.79	2.900	6.76	-93.5	97.82	18.27		Air bubbles appear to be
1420	100		13.8	0.77	2.891	6.76	-95.4	50.22	18.28		getting trapped in
1425	100		13.8	0.75	2.897	6.77	-95.7	21.79	18.28		turbidity sensor cause
1430	100		13.9	0.77	2.891	6.77	-96.9	21.58	18.28		false elevated reading
1435	100		13.9	0.75	2.891	6.77	-98.2	21.84	18.28		flow cell fixed to prevent
											air turbidity stabilizing

Total ~2 Gallons Purged

Purge Time Start: 1245 Purge Time End: 1435 Final Static Water Level: 18.28

OBSERVATIONS

No NAPL Observed - 0943
PFAS collected @ 1015
+ MS/MSD + Duplicate on 6/8/21

VOC + SVOC
Sample collected @ 1435
+ MS + MSD + Duplicate on 6/8/21
water is clear no odor

Some fines
large clasts
mostly clear

Dup - 6.8.21

Finished Sampling @ 1530

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Rochester, New York 14614
Telephone: (585) 454-6110
Facsimile: (585) 454-3066

Project Name: Former Stedwood Shoe Company
Location: 625 South Goodman, Rochester, NY
Project No.: 2172056
Sampled By: MG3
Date: 6/9/21
Weather: 90s Mostly cloudy

WELL I.D.: RFBW-02

WELL SAMPLING INFORMATION

Well Diameter: 4 inch
Depth of Well:
Measuring Point: Top of casing
Pump Type: Peristaltic
Static Water Level: 19.12
Length of Well Screen:
Depth to Top of Pump: 24'
Tubing Type: HDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Dissolved O_2 (mg/L) + 10%	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) + 10%	Depth to Water Ft. BGS		Comments
1445	Pump started										
1450	150		15.7	2.00	1.621	6.88	-157.9	687.98	19.66		
1455	150		15.4	0.79	1.548	6.87	-211.5	1477.09	19.65		
1500	150		16.9	0.61	1.531	6.87	-249.7	330.74	19.64		
1505	150		15.2	0.73	1.521	6.85	-258.9	125.57	19.63		
1510	150		16.0	0.63	1.502	6.85	-263.1	89.41	19.63		
1515	150		16.1	0.49	1.511	6.84	-270.8	58.15	19.63		
1520	150		16.1	0.35	1.518	6.82	-285.5	38.05	19.63		
1525	150		15.4	0.33	1.530	6.82	-291.2	17.75	19.63		
1530	150		16.2	0.31	1.520	6.81	-293.9	21.23	19.63		
1535	150		16.2	0.28	1.524	6.80	-302.9	13.72	19.63		
1540	150		16.2	0.27	1.530	6.79	-306.9	8.67	19.63		
1545	150		16.3	0.26	1.538	6.78	-312.4	7.84	19.63		
1550	150		16.2	0.25	1.539	6.78	-315.3	7.96	19.63		
1555	150		16.2	0.25	1.538	6.78	-315.1	7.32	19.63		

Total _____ Gallons Purged

Purge Time Start: 1445 Purge Time End: _____ Final Static Water Level: _____

OBSERVATIONS

- No NAPL present - oil water interface probe
- petro odor in purge water

picked up drum ring after

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WELL I.D.: RIBW-03

Project Name: FORMER SHERWOOD SHOE
Location: 625 SOUTH GOODMAN STREET
Project No.: 2172056
Sampled By: AGS
Date: 6/9/21
Weather: Sunny 80

WELL SAMPLING INFORMATION

Well Diameter: 4"
Depth of Well:
Measuring Point: Top of casing
Pump Type: Peristaltic

Static Water Level: 20.96
Length of Well Screen:
Depth to Top of Pump: 25'
Tubing Type: HDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Dissolved O_2 (mg/L) + 10%	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) + 10%	Depth to Water Ft. BGS		Comments
0920	Pump started										
0925	100		14.7	1.57	3.156	6.81	51.4	75.55	21.04		
0930	100		14.4	0.98	3.158	6.81	48.9	65.44	21.05		
0935	100		14.6	0.80	3.139	6.81	46.0	64.12	21.06		
0940	100		14.3	0.77	3.135	6.82	45.8	47.65	21.06		
0945	100		14.4	0.75	3.138	6.83	45.2	49.18	21.06		
0950	100		14.2	0.75	3.136	6.83	44.7	46.94	21.06		
0955	100		14.1	0.76	3.135	6.83	44.4	48.61	21.06		

Total ~1.5 Gallons Purged

Purge Time Start: 0920 Purge Time End: 0955 Final Static Water Level: 21.06

OBSERVATIONS

SAMPLE PFAS @ 1100 on 6.8.21 - reddish brown turbid (rusty)

Sampling vols 6/9/21 @ 0955

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Facsimile: (585) 454-3066

WELL I.D.: MW-8R

Project Name: Former Sherwood Shoe
Location: 625 South Goodman
Project No.: 2172056
Sampled By: AGS
Date: 6.9.21
Weather: 80s cloudy

WELL SAMPLING INFORMATION

Well Diameter: 1-inch
Depth of Well: 19.5
Measuring Point: Top of casing
Pump Type: Peristaltic

Static Water Level: 18.10
Length of Well Screen:
Depth to Top of Pump: 19.5'
Tubing Type: HDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Dissolved O_2 (mg/L) + 10%	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) + 10%	Depth to Water Ft. BGS		Comments
1140	Purge at										
1145	as slow as		19.4	2.15	2.892	6.95	-8.5	113.46			
1150	possible		17.7	0.85	2.896	6.86	-15.0	109.14			
1155			17.8	0.75	2.821	6.87	-17.3	96.01			
1156	Well going dry		collecting VOCs								

Total 1.1 Gallons Purged

Purge Time Start: 1140 Purge Time End: 1156 Final Static Water Level: dry

OBSERVATIONS

- Purged well dry via HDPE + peristaltic, then collected PFAS
- waited for well to recover then collected VOCs, not much water but attempted to fill flow through cell for parameters, VOCs recollected after parameters collected

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WELL I.D.: MW-02R

Project Name: _____
Location: _____
Project No.: _____
Sampled By: _____
Date: _____
Weather: _____

WELL SAMPLING INFORMATION

Well Diameter: _____
Depth of Well: _____
Measuring Point: _____
Pump Type: _____

Static Water Level: _____
Length of Well Screen: _____
Depth to Top of Pump: _____
Tubing Type: _____

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Dissolved O_2 (mg/L) + 10%	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) + 10%	Depth to Water Ft. BGS		Comments

Total _____ Gallons Purged

Purge Time Start: _____ Purge Time End: _____ Final Static Water Level: _____

OBSERVATIONS

Dry on 6.8.21

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WELL I.D.: MW-08R

Project Name: _____
Location: _____
Project No.: _____
Sampled By: _____
Date: _____
Weather: _____

WELL SAMPLING INFORMATION

Well Diameter: _____
Depth of Well: _____
Measuring Point: _____
Pump Type: _____

Static Water Level: _____
Length of Well Screen: _____
Depth to Top of Pump: _____
Tubing Type: _____

FIELD PARAMETER MEASUREMENT

Time	Pump Rate (mL/min)	Gallons Purged	Temp °C	Dissolved O_2 (mg/L) + 10%	Conductivity (mS/cm) +/- 3%	pH +/- 0.1	Redox (mV) +/- 10 mV	Turbidity (NTU) + 10%	Depth to Water Ft. BGS		Comments

Total _____ Gallons Purged

Purge Time Start: _____ Purge Time End: _____ Final Static Water Level: _____

OBSERVATIONS

Approximately 100 ml recovered on 6/8/21 then well went dry

APPENDIX 3

Site Inspection Forms

LaBella
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: A DaSilva
DATE: 12/16/21
WEATHER: 60 F

COVER TYPE	OVERALL CONDITION	ANY LOCATIONS REQUIRE REPAIR OR MAINTENANCE	PHOTOS TAKEN	COMMENTS
SOIL COVER*	Soil Cover IN PLACE	YES / (NO)	(YES) / NO	Good Condition
ASPHALT SURFACE	Good Condition	YES / (NO)	(YES) / ~~NO~~ N/A	
CONCRETE SURFACE	Good Condition	YES / (NO)	(YES) / NO	
BUILDING SLAB	Good Condition	YES / (NO)	(YES) / NO	

Additional Notes:

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300 STATE STREET, SUITE 201
ROCHESTER, NEW YORK 14614
PHONE: (585) 454-6110
FAX: (585-454-3066

MONITORING WELL INSPECTION FORM

PROJECT NAME: NYSDEC BCP SITE NO. C828201
LOCTION: 625 SOUTH GOODMAN ST, NEW YORK
PROJECT NO.: 2172056
INSPECTED BY: A. DeSilva
DATE: 12/17/2021
WEATHER: 40F wind

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
MW-02R	YES / (NO)	YES / (NO)	YES / (NO)	YES (NO)	YES / (NO)	YES / (NO)	YES / (NO)	
RIBW-03	(YES) / NO	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	Concrete Got Hit By Lawn Mower - may Need Repair.
MW-08R	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	
KIBW-01R	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	
MW-04R	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	(YES) / NO	(YES) / NO	(YES) / NO	Possible well subsidence. Well housing Filled with water. > Cleaned well Seal, Extracted water
RIBW-02	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	
MW-05	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	
MW-06R	YES / (NO)	YES / (NO)	YES / (NO)	YES (NO)	YES / (NO)	YES (NO)	YES / (NO)	
MW-07	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	
	YES / NO	YES / NO	YES / (NO)	YES / NO	YES / NO	YES / NO	YES / (NO)	
	YES / NO	YES / NO	YES / NO	YES / NO	YES / NO	YES / NO	YES / NO	

NAPL INSPECTION FORM

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ROCHESTER, NEW YORK 14614
PHONE: (585) 454-6110
FAX: (585-454-3066

PROJECT NAME: NYSDEC BCP SITE NO. C828201
LOCTION: 625 SOUTH GOODMAN ST, NEW YORK
PROJECT NO.: 2172056
INSPECTED BY: A. de Silva
DATE: 12/16/2021
WEATHER: 60°F

INSPECTION EVENT ANNUAL	WELL ID	DEVICE USED TO MEASURE LNAPL	LNAPL OBSERVED	ESTIMATED THICKNESS OF LNAPL LAYER [INCHES]	ABSORBENT SOCK INSTALLED	VACUUM TRUCK REQUIRED	COMMENTS
	RIBW-01	(BAILER) / OIL-WATER PROBE	YES / (NO)	—	YES / (NO)	YES / (NO)	Possible degraded products present. Photos taken
	RIWB-02	(BAILER) / OIL-WATER PROBE	YES / (NO)	—	YES / (NO)	YES / (NO)	Possible degraded products present Photos Taken.

SUB SLAB DEPRESSURIZATION SYSTEM INSPECTION FORM

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ROCHESTER, NEW YORK 14614
PHONE: (585) 454-6110
FAX: (585-454-3066

PROJECT NAME: NYSDEC BCP SITE NO. C828201
LOCTION: 625 SOUTH GOODMAN ST, NEW YORK
PROJECT NO.: 2172056
INSPECTED BY: A. Adams
DATE: 12/20/21
WEATHER: Wind 24°F

COMPONENT	EAST SYSTEM	WEST SYSTEM	COMMENTS
OPERATIONAL	(YES) / NO	(YES) / NO	good
VACUUM GAUGE READING (IN. H20)	-0.05 wc	-0.075 wc	Good
ALARM CHECK	(YES) / NO	(YES) / NO	West is missing alarm Plug
SSDS PIPING CHECK	(YES) / NO	(YES) / NO	good
SSDS FAN CHECK	(YES) / NO	(YES) / NO	Working Joe will Add 90's
CONDENSATE WATER CHECK	(YES) / NO	(YES) / NO	Good

Additional Information/Notes:
PFE-01 → -0.006 in-wg to 0
PFE-02 → 0 to -0.008 in-wg
PFE-03 → -0.021 in wc
U-Monument East = 0.05 wc
PFE-04 → -0.008 in-wg
PFE-05 → -0.030 in-wg

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: December 30, 2020 to April 30, 2022

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

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? 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 at 625 S. GOODMAN ST Rochester, NY
print name print business address

am certifying as Remedial Party (Owner or Remedial Party)

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

Steven M DiMarzo 5/31/2022
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification 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 Daniel Noll (print name) at LaBella Associates, D.P.C. 300 State Street, Rochester, NY 14614 (print business address),

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

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
		5/31/22