HALEY ALDRICH

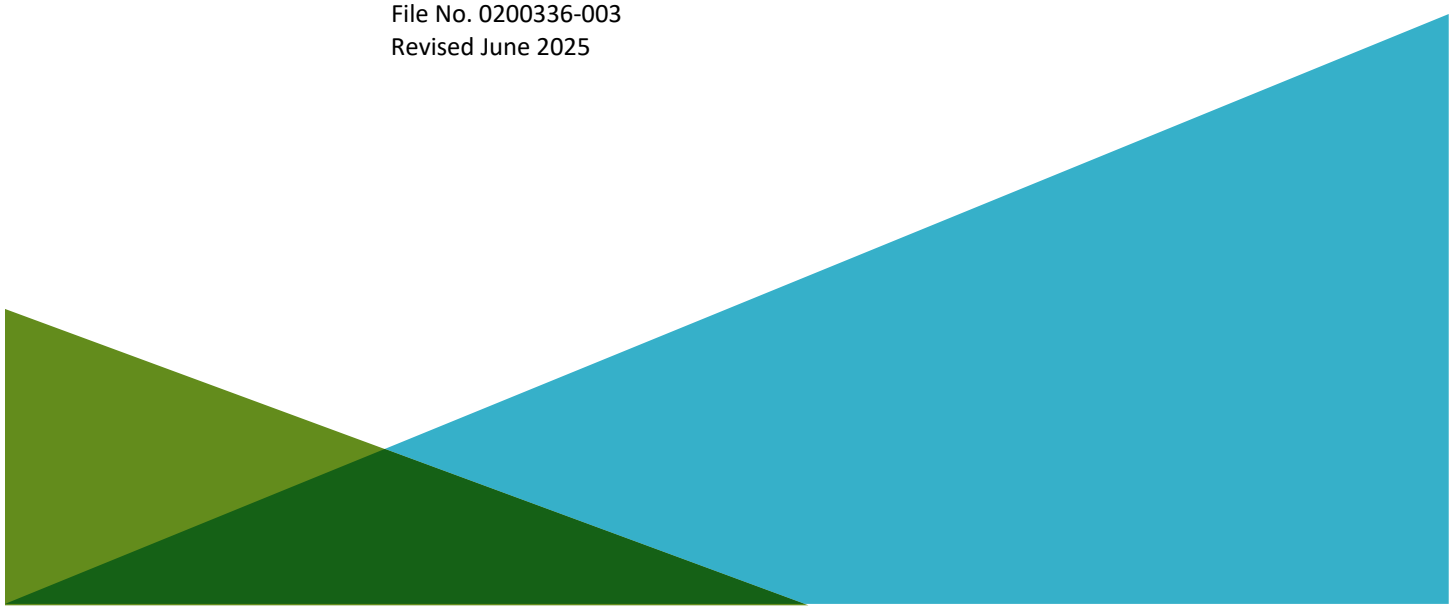
www.haleyaldrich.com

REMEDIAL INVESTIGATION REPORT - REVISED
65 TROWBRIDGE STREET SITE
ROCHESTER, NEW YORK

by
H & A of New York Engineering and Geology, LLP
Rochester, New York

for
William B. Morse Lumber Co.
Rochester, New York

File No. 0200336-003
Revised June 2025



H & A OF NEW YORK ENGINEERING
AND GEOLOGY, LLP
260 E. Main Street
Suite 2100
Rochester, NY 14604
585.359.9000

Revised June 11, 2025
File No. 0200336-003

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Attention: Joshuah J. Klier, G.I.T., M.S.

Subject: Remedial Investigation Report - Revised
65 Trowbridge Street Site
NYSDEC Site No. C828217
Rochester, New York

Dear Mr. Klier:

On behalf of William B. Morse Lumber Co. (Morse Lumber), H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) has prepared the enclosed revised *Remedial Investigation Report* (RIR) for the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site located at 65 Trowbridge Street, Rochester, New York (the "Site"). The RIR dated April 10, 2025 was revised in response to NYSDEC comments provided via letter dated May 13, 2025.

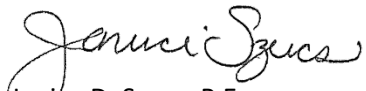
The RIR activities were conducted in accordance with the NYSDEC-approved *Remedial Investigation Work Plan* dated March 12, 2021. This document is being submitted as required by the Brownfield Cleanup Agreement for Site No. C828217, for which Morse Lumber is the Site owner and the Volunteer, and it was developed based on the NYSDEC's "Technical Guidance for Site Investigation and Remediation" (DER-10 dated May 2010).

Please do not hesitate to contact us if there are any questions regarding this submittal or any other aspects of the project.

Sincerely yours,
H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP



Kimberly T. Bartlett
Geologist



Janice D. Szucs, P.E.
Associate | Senior Project Manager



Glenn M. White, CHMM
Senior Associate

Enclosures

c: Morse Lumber; Attn: Walter W. Morse
Torres Law Office; Attn: Christopher Corcoran, Esq.

https://haleyaldrich.sharepoint.com/sites/Wm.B.MorseLumberCo/Shared Documents/0200336.65 Trowbridge St Site Morse Lumber/Deliverables/RI Report/2025-0611_HANY_65TrowbridgeStreetRIR_Revised_F.docx

Certification

I, Janice D. Szucs, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.



June 11, 2025

Janice D. Szucs, P.E. DATE

H & A OF NEW YORK ENGINEERING
AND GEOLOGY, LLP
260 E. Main Street
Suite 2100
Rochester, NY 14604
585.359.9000

SIGNATURE PAGE FOR

REPORT ON

REMEDIAL INVESTIGATION REPORT - REVISED
PORTION OF 65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

PREPARED FOR

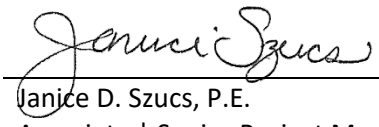
WILLIAM B. MORSE LUMBER CO. ROCHESTER, NEW YORK

PREPARED BY:



Kimberly T. Bartlett
Geologist
H & A of New York Engineering and Geology, LLP

REVIEWED AND APPROVED BY:



Janice D. Szucs, P.E.
Associate | Senior Project Manager
H & A of New York Engineering and Geology, LLP



Glenn M. White, CHMM
Senior Associate
H & A of New York Engineering and Geology, LLP

Executive Summary

H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) has prepared this *Remedial Investigation Report* (RIR) for the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site designated as Site No. C828217, 65 Trowbridge Street, Rochester, New York (the "Site") for which the William B. Morse Lumber Co. (Morse Lumber) is the Site owner and the BCP Volunteer. This RIR is being submitted to document the implementation of the Remedial Investigation (RI) per the NYSDEC-approved *Remedial Investigation Work Plan* (RI Work Plan) dated March 12, 2021.

The Site is a 1.2-acre portion of a 1.8-acre parcel (65 Trowbridge Street) owned by Morse Lumber. The Site encompasses a portion of a former manufactured gas plant (MGP) facility operated for 10 years or less between 1880 and 1891 by the Municipal Gas Light Company. Since the MGP ceased operation, the Site has had various property owners and uses, including loading and unloading of crude oil and refined petroleum products along rail lines that cross the Site. The land is zoned "Center City District," which allows for commercial and industrial use. The Site is located in an urban area primarily surrounded by commercial and industrial properties which are served by municipal water.

Previous Site investigation activities of the entire former MGP site were performed from 2006 to 2009 in accordance with the requirements of the NYSDEC Voluntary Cleanup Program and the former Multi-site Voluntary Cleanup Agreement (MSVCA #V00594-8) between Rochester Gas & Electric (RG&E) and the NYSDEC. The investigation program included four test pits, 30 soil borings, 10 monitoring well installations, and over 95 soil and water media samples collected from the former MGP site.

Results of the previous Site investigations reflected that the Site is located in an urban area with a long history of commercial and industrial use, including former railroad and petroleum operations unrelated to the former MGP. The MGP operations were conducted over a relatively brief period of approximately 10 years. The Site and area had over a century of commercial and industrial use after the MGP operations ceased.

The Site comprises fill material and reworked soil typical of urban fill in old industrial and urban settings. The previous Site investigation reports indicated that neither coal tar nor petroleum non-aqueous phase liquid (NAPL) were encountered and that no apparent MGP source of contamination was identified at the Site. Soil and groundwater analytes detected at concentrations exceeding the applicable cleanup criteria appeared randomly distributed throughout the Site are typical of urban background settings, and are not indicative of the presence of a specific source on the former MGP facility, including the Site. The objectives of the Site characterization investigations were satisfied, and it was concluded that no further Site characterization was needed for the anticipated contaminants from the former MGP.

Because the previous Site characterizations did not include analysis for emerging contaminants, pesticides, herbicides, or polychlorinated biphenyls (PCBs), a targeted RI was requested by NYSDEC during the BCP pre-application meeting. The RI activities documented herein were conducted in accordance with the NYSDEC-approved RI Work Plan and consisted of a targeted soil and groundwater sampling program, including the analysis of emerging contaminants, pesticides, herbicides, and PCBs that were not analyzed during the initial Site characterizations.

Documentation soil sampling was completed (June and July 2024) as part of the Interim Remedial Measure (IRM) and supplemented previous Site characterization investigations conducted by Haley & Aldrich of New York from 2006 to 2009. The RI and IRM documentation soil sampling filled in data gaps and allowed for completion of the conceptual site model (CSM) presented herein. Analytical results are consistent with prior investigation results. The heterogeneous nature and distribution of the constituents in the Site soils are reflective of over a century of industrial and commercial activity at the Site.

RI groundwater sampling results were consistent with previous investigations. No MGP-related sources of groundwater contamination have been identified. The recent exceedances were consistent with the historical groundwater sampling results. Overall, groundwater quality was reflective of historical fill conditions and was consistent with historical data. Exceedances of NYSDEC ambient water quality standards and guidance values included petroleum-related compounds, the industrial solvent trichloroethene, and related contaminants, including vinyl chloride, polycyclic aromatic hydrocarbons, and metals.

The IRM activities included excavation and off-Site disposal of existing soil/fill, historical pavement material, and abandoned railroad spurs. Following excavation activities, demarcation fabric was placed 1 foot below finished grade. One foot of clean cover was placed over the Site and included aggregate, topsoil that was seeded and mulched, and a porous pavement system (Geopave) that consists of gravel pavers installed over a gravel sub-base to provide a permeable stabilized surface for lumber yard vehicular traffic and storage to reduce stormwater runoff. The completed excavation activities and installed 1-foot cover system (in 2024) support the overall objective of a Track 4 Cleanup protective of the intended and reasonably anticipated future commercial/industrial use of the Site.

In conclusion, the Site is located in an urban area and has had over a century of commercial and industrial use. The work completed during the initial Site characterizations, RI, and IRM activities show that the exceedances in soil and groundwater samples are consistent with historical data. Overall, the nature and distribution of constituents of concern in the Site soils are randomly distributed and widely dispersed, as is typical of urban background conditions. The former MGP operations do not appear to have left a residual source of contamination. Therefore, further Site investigation does not appear to be warranted. The potential for future human exposure to the contaminants of concern at the Site is restricted by the 1-foot site cover system comprising the Geopave porous system, aggregate, and topsoil. Recommended next steps include implementation of institutional and engineering controls.

Table of Contents

Page

Certification

Executive Summary i
List of Tables iii
List of Figures iii
List of Appendices iv

1. Introduction 1

1.1 SITE DESCRIPTION 1
1.2 MGP HISTORY 2
1.3 PRE-BCP INVESTIGATION AND REGULATORY BACKGROUND 2
1.3.1 Summary of Previous Investigations 3
1.4 REMEDIAL INVESTIGATION PURPOSE AND OBJECTIVE 5

2. Physical Setting 6

2.1 GEOLOGIC SETTING 6
2.2 HYDROGEOLOGIC SETTING 6
2.3 APPLICABLE COMPARISON CRITERIA 7

3. Remedial Investigation Activities 8

3.1 GROUNDWATER 8
3.1.1 Monitoring Well Inventory and Sampling Plan Modifications 8
3.1.2 Well Redevelopment 9
3.1.3 Groundwater Sampling Procedures 9
3.1.4 Groundwater Sampling 9
3.1.5 Summary of Results 10

4. Interim Remedial Measure Activities 17

4.1 DOCUMENTATION SOIL SAMPLE RESULTS 17
4.1.1 Semi-Volatile Organic Compounds (SVOCs) 18
4.1.2 Metals 19

5. Conceptual Site Model 20

5.1 CONTAMINANTS OF CONCERN AND THE NATURE AND EXTENT OF CONTAMINATION 20
5.1.1 Soil and Fill 21
5.1.2 Groundwater 21
5.2 POTENTIAL SOURCE OF CONTAMINANTS OF CONCERN 22
5.3 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT 22

Table of Contents

		Page
5.4	FISH AND WILDLIFE RESOURCE IMPACT ANALYSIS	23
6.	**Data Usability Summary**	**25**
7.	**Conclusion and Recommendations**	**26**
7.1	CONCLUSIONS	26
7.2	RECOMMENDATIONS AND NEXT STEPS	27
References		**28**

List of Tables

Table No.	Title
I	Groundwater Sampling and Analysis Plan
II	Summary of Groundwater Sampling Analytical Results (2006 to 2024)
III	Summary of Soil Sampling Analytical Results – VOCs, SVOCs, Metals, and Cyanide – 2024
IV	Summary of Soil Sampling Analytical Results – PCBs, Herbicides, Pesticides, PFAS – 2024
V	Fate and Transport and Potential Exposure Pathways for Site Constituents of Concern (COCs)

List of Figures

Figure No.	Title
1	Project Locus
2	Pre-Existing Conditions Site Plan
3	Site-Wide Existing Cover System
4	Site Investigation Plan 2006 to 2009
5A	Groundwater Elevations Contours, July 2021
5B	Groundwater Elevations Contours, September 2024
6	Groundwater Exceedances 2006 to 2024
7A	SVOCs Soil Exceedances 2024
7B	Metals Soil Exceedances 2024

List of Appendices

Appendix	Title
A	Historical Documentation
B	Regulatory Correspondence
C	Field Datasheets
D	Groundwater Exceedance Posting Maps
E	Laboratory Data
F	Data Usability Summary Report (DUSR)

1. Introduction

On behalf of William B. Morse Lumber Co. (Morse Lumber), H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) has prepared this *Remedial Investigation Report* (RIR) for the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site designated as Site No. C828217, 65 Trowbridge Street, Rochester, New York (the "Site") for which Morse Lumber is the Site owner and the Volunteer. This RIR is being submitted to document the implementation of the approved Remedial Investigation (RI) per the approved *Remedial Investigation Work Plan* (RI Work Plan) dated March 12, 2021. This RIR was prepared in accordance with the regulations and guidance applicable to the NYSDEC BCP.

1.1 SITE DESCRIPTION

The Site is a 1.2-acre portion of a 1.8-acre parcel at 65 Trowbridge Street used and owned by Morse Lumber as a lumber yard storage area. The Site contains an active railroad track used exclusively to deliver lumber to Morse Lumber. The Site encompasses the northern and eastern portion of a former manufactured gas plant (MGP) facility that ceased operation in the early 1890s. Morse Lumber acquired the Site from the previous owner, Donatelli, Inc., in August 2005.

The Site is located approximately 0.7 miles west of the Genesee River, which flows north toward Lake Ontario (Figure 1). The land is zoned "Center City District" which allows for commercial and industrial use. The Site is located in an urban area primarily surrounded by commercial and industrial properties, which are served by municipal water.

The Site is bordered by Canal Street to the west, the remaining portion of the former MGP to the south (located on the 90 Canal Street parcel owned by Maguire Properties), Morse Lumber's lumber yard to the east, and a used car dealer/service garage and West Broad Street to the north (Figure 2). The 90 Canal Street parcel is occupied by a five-story brick building with an unoccupied basement, commercial space on the first and second floors, and residential space on the third through fifth floors. The former MGP gas holder was partially located on the northern portion of the 90 Canal Street parcel. This portion of the holder was apparently removed to construct the basement of the 90 Canal Street building. The remainder of the gas holder extended to the north onto 65 Trowbridge Street. The portion of the gas holder on the 65 Trowbridge Street parcel remains intact and was identified during test pitting.

The Site is generally flat with an elevation of approximately 512 feet above sea level and gently sloping to the northeast. West Broad Street is located approximately 300 feet north-northeast of the Site and was built in the footprint of the former Erie Canal. The former Genesee Valley Canal (which has also been filled) is located immediately east of the Site.

The City of Rochester, including the properties surrounding the Site, receives its potable water supply from Lake Ontario and other surface water reservoirs located considerable distances from the Site. The Site and areas upgradient and downgradient have had water supply from the City of Rochester since the late 1800s.

During May to September 2024, Morse Lumber conducted an Interim Remedial Measure (IRM) in accordance with the NYSDEC-approved *Interim Remedial Measure Work Plan* (IRM Work Plan) dated March 12, 2021. The IRM consisted of excavation and removal of at least the top 1 foot of soil, fill and pavement across the 1.2-acre portion of the former MGP, and placement of a demarcation layer and minimum 1 foot of clean imported material to constitute the cover system for the Site (Figure 3).

1.2 MGP HISTORY

Gas manufacturing on the Site was performed by Municipal Gas Light Company gas works, which was in operation for approximately 10 years between 1880 to 1891. In the time period from 1877 to 1891, crude oil and refined petroleum products were loaded and unloaded in significant volumes along the rail lines that crossed the Site and at the adjacent rail yards. Crude oil and petroleum products not related to the MGP's operation were apparently also transferred at or adjacent to the Site to an off-Site petroleum company via an underground pipeline and/or by bulk delivery transportation. During its operation, the MGP also received naphtha and other petroleum products by rail car, as well as via an underground pipeline owned and operated by the off-Site petroleum supplier.

This loading and unloading of petroleum tank cars to two underground pipelines is reported to have occurred from 1881 to 1883. The pipelines extended from the Buffalo, Rochester, and Pittsburgh Railroad (BR&P RR) south along the bottom of the Genesee Valley Canal to Vacuum Oil Works, a refinery located approximately 1 mile south of the Site. After 1883, one pipeline was converted to function as a supply line for petroleum naphtha from Vacuum Oil Works to the MGP. Also, in approximately 1883, one of the two pipelines was extended west across the Site, crossing Canal Street and extending at least to Litchfield Street to reach the BR&P RR freight yards on adjacent properties to the east and west.

Beginning in 1883, the MGP used 500 to 1,000 gallons of naphtha (a petroleum distillate somewhat lighter than kerosene) per day in the gas manufacturing process. Naphtha was pumped from Vacuum Oil Works through a pipeline into two 10,000-gallon aboveground tanks located at the junction of the Erie and Genesee Valley Canals.

Manufactured gas was stored at the Site during the 1880s until 1891, when an explosion ended the MGP operations. At the time of the explosion, the gas holder had been emptied and was under repair.

MGP-related buildings occupied the property from approximately 1880 to 1895. The Site has been used for rail operations and various commercial and industrial purposes continually for over 115 years since the closing of the MGP. There is currently one active railroad track crossing the Site, which is used exclusively to deliver lumber to Morse Lumber.

1.3 PRE-BCP INVESTIGATION AND REGULATORY BACKGROUND

Investigations conducted at the Site prior to acceptance into the NYSDEC BCP included soil and groundwater investigations of the whole former MGP property (i.e., portions of the 90 Canal Street and 65 Trowbridge Street parcels). The investigations were conducted by H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) in 2006 pursuant to the 2006 NYSDEC-approved *Site Characterization Work Plan* (SCWP) prepared by Blasland, Bouck, and Lee, Inc. and additional investigations in 2008 and 2009 consistent with the NYSDEC-approved *Site Characterization Work Plan Addendum* by Haley & Aldrich of New York dated May 20, 2008 and the NYSDEC-approved *Site Characterization Work Plan Addendum 2* by Haley & Aldrich of New York dated July 14, 2008. The

purpose of the investigations was to identify the nature and extent of the MGP impacts to groundwater and soils, determine migration patterns of groundwater for potential off-Site transport of constituents, evaluate the necessity for future actions, and determine compliance with NYSDEC standards, criteria, and guidance values (SCGs). Detailed findings were presented in the *Site Characterization Report*, January 2008, *Site Characterization Addendum Report*, March 2, 2009, and *Site Characterization Addendum 2 Report*, December 2009, which were submitted to the NYSDEC.

1.3.1 Summary of Previous Investigations

Previous Site investigation activities were performed in accordance with the requirements of the NYSDEC Voluntary Cleanup Program and the former Multi-site Voluntary Cleanup Agreement (MSVCA #V00594-8) between Rochester Gas & Electric (RG&E) and the NYSDEC. Field investigations were conducted from 2006 to 2009 with the Site characterization conducted in three phases, including four test pits and 30 soil borings. Ten of the 30 soil borings were completed as groundwater monitoring wells (five on and five off Site). The collection of over 95 soil and water media samples were analyzed for the constituents of MGP wastes, including volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, and cyanide. Results of Site investigations are summarized below with soil boring, test pits, and monitoring well locations shown on Figure 4.

The initial *Site Characterization Report* (Haley & Aldrich of New York, 2008a) identified that the Site comprises fill material and reworked soil that are widely dispersed. On-Site soil concentrations exceeded the Commercial Use Soil Cleanup Objectives (SCOs) for heavy-molecular-weight polycyclic aromatic hydrocarbons (PAHs) and inorganic compounds at random locations both within and outside of the footprint of the former MGP boundaries. VOCs, specifically benzene, toluene, ethylbenzene, and xylenes (BTEX) concentrations were detected but did not exceed the Commercial Use Soil SCOs. Chlorinated VOCs, unrelated to the former MGP, were also detected in soil boring MW-3 at 8 to 10 feet below ground surface (bgs) but did not exceed the Commercial Use Soil SCOs.

A lime-like material, possibly associated with former MGP purifier operations, was observed intermittently within the fill at two soil boring locations (SB-16 and MW-4) located on the Site's northern portion. None of the analytical results exceeded the Restricted Residential and Commercial Use Soil SCOs for cyanide of 27 milligrams per kilogram (mg/kg).

Groundwater quality across the Site generally did not exceed NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Class GA water quality standards and guidelines for VOCs, except for some low concentrations of BTEX and chlorinated solvents detected at monitoring wells MW-2 and MW-3. No detections were observed at downgradient wells MW-4 and MW-7 or cross-gradient, on-Site well MW-5, indicating that BTEX and chlorinated solvents are localized to the vicinity of MW-3 and MW-2.

Analytical results for SVOCs in groundwater did not exceed TOGS 1.1.1 criteria, except for concentrations of PAHs at MW-2, MW-3, and MW-5, and low concentrations of naphthalene at MW-2 and MW-3. Results of the downgradient wells MW-4 and MW-7 did not exceed the TOGS criteria for these constituents. The low concentrations of PAHs are indicative of the surrounding soil conditions and the overall urban nature of the fill. Naphthalene is common in both coal tar and petroleum-related products and the low concentrations suggest that a specific source of SVOC constituents to groundwater is not present at the Site.

Metals, specifically magnesium, manganese, iron, and sodium were consistently detected at concentrations exceeding TOGS 1.1.1 criteria in both upgradient and downgradient wells. These metals are commonly detected in indigenous soils in the area.

Since no apparent MGP or other sources were observed or detected during the first phase of the Site characterization, the low concentrations of petroleum constituents and chlorinated VOC detections are likely related to the property's long history of various industrial uses after the closure of the MGP facility activities (Haley & Aldrich of New York, 2008a).

1.3.1.1 Additional Investigations – Former Gas Holder and VOCs in Off-Site Groundwater

The additional two phases of Site characterization were conducted to: 1) determine subsurface conditions of the former gas holder foundation; 2) determine if the low-level concentrations of BTEX observed in groundwater at MW-2 and MW-3 originated on the former MGP facility or from off-Site sources; 3) determine the potential impacts from off-Site groundwater migrating onto the former MGP facility; and 4) refine the conceptual site model (CSM) with respect to groundwater flow directions.

The former gas holder was encountered during test pitting, confirming its location. Soil samples collected from the four test pits in and outside of the former gas holder foundation had detections below the laboratory detection limits for VOCs that are consistent with the results from the 2008 Site characterization. Soil samples containing exceedances of select metals and SVOCs, specifically PAHs consisting of dark brown to black silty sand with coal dust and particles, wood, cinders, and ash, were observed at test pit TP-2 located within the former gas holder footprint and more notably in an area proximate to a former railroad track that existed on the property from 1918 and 1971. The wood cinders and ash are not typical of the fill encountered in the other three test pits. The results appear to be reflective of fill material encountered across the Site rather than any specific source. Analytical results from soil samples collected within the footprint of the former gas holder beneath the 90 Canal Street building did not exhibit VOC concentrations above the Commercial or Residential SCO criteria. Neither coal tar nor non-aqueous phase liquid (NAPL) were observed, which is consistent with the initial Site investigation (Haley & Aldrich of New York, 2008a).

Installation of one additional off-Site monitoring well (MW-10) was conducted to assess the presence/ absence of BTEX in groundwater between off-Site well MW-9 and the Site. Groundwater samples were collected from all existing monitoring wells, including MW-10, and one water media sample was collected from the sump in the basement of the 90 Canal Street building, located upgradient of the Site. One soil sample was also collected from the installation of MW-10.

The soil and groundwater samples indicated constituents at off-Site well MW-9 were consistent with weathered gasoline, and those at off-Site monitoring well MW-10 were consistent with weathered diesel or fuel #2, with some gasoline-related organic hydrocarbons. These petrogenic constituents in the soil and groundwater are not considered MGP-related. With the confirmed predominant direction of groundwater flow to the north-northeast, roughly parallel to Canal Street, there may be a groundwater flow component oriented farther northeast. The groundwater flow pattern could result in some inconsequential contribution from the groundwater at off-Site well MW-9 and/or off-Site well MW-10 to the BTEX observed at on-Site monitoring well MW-2; however, this is highly unlikely due to the exceedances of BTEX observed at on-Site well MW-3. Considering the low concentration detections of BTEX compounds in MW-2 and MW-10, any potential on-Site effect from the off-Site area at monitoring wells MW-9 and MW-10 was considered inconsequential.

The results for the basement sump located upgradient to the Site did not have detections of BTEX compounds or naphthalene but exceeded the TOGS 1.1.1 criteria Class GA standards for trichloroethene (TCE) and its breakdown products cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride.

1.3.1.2 Conclusions of Previous Investigations

In conclusion, the Site comprises fill material and reworked soil typical of urban fill in older industrial and urban settings. Observations during test pitting, soil and groundwater sampling during the previous Site investigations from 2006 to 2009 were consistent with the Site's urban location with a long history of commercial and industrial use, including former railroad and petroleum operations unrelated to the former MGP operations. The previous Site investigation also indicated that neither coal tar nor petroleum NAPL were encountered. On-Site soils contained exceedances of VOCs, specifically BTEX, SVOCs (mainly PAHs), and inorganic compounds that are widely dispersed, which is reflective of typical conditions associated with urban background and historical industrial settings. No soils exceeded the Commercial SCOs for VOCs. Analytes detected in groundwater across the former MGP facility, including the Site, were generally below the TOGS 1.1.1. criteria, with the exception of some low-level detections of petroleum constituents, a few chlorinated VOCs unrelated to the former MGP, and SVOCs and metals related to natural groundwater conditions and indigenous soils. Soil and groundwater analytes detected at concentrations exceeding applicable cleanup criteria appeared randomly distributed throughout the Site are typical of urban background settings and do not reflect the presence of a specific source on the former MGP facility, including the Site. The former MGP operations do not appear to have left a residual source of contamination. The objectives of the Site characterization investigations were satisfied, and no further characterization was needed.

1.4 REMEDIAL INVESTIGATION PURPOSE AND OBJECTIVE

Previous investigations have been performed for the anticipated MGP contaminants and have determined the nature and extent of VOCs, SVOCs, and metal constituents. Because the previous investigations did not include analysis for emerging contaminants, pesticides, herbicides, or polychlorinated biphenyls (PCBs), a targeted RI was requested by NYSDEC. This report summarizes the results of the targeted RI activities completed during 2021 through 2024 as described in the NYSDEC-approved RI Work Plan. The objective of the RI was to confirm the results of the previous Site characterization activities with comparison to NYSDEC TOGS Table 1, (TOGS 1.1.1) Class GA standards and guidance values for groundwater in order to characterize the nature and extent of contaminants at the Site.

Results of the documentation soil sampling, including analysis for emerging contaminants, pesticides, herbicides, and PCBs, as requested by NYSDEC and conducted as part of the NYSDEC-approved IRM Work Plan (Haley & Aldrich of New York, 2021) are also discussed herein to complete the characterization of contaminants in soil at the Site.

2. Physical Setting

2.1 GEOLOGIC SETTING

The Site is located in the Ontario Lowlands, which is characterized by generally low relief and productive farmlands. According to the "Soil Survey of Monroe County, New York" (United States Department of Agriculture Soil Conservation Service, 1973), the soil at the Site is urban land and consists of four areas that have been altered or obscured by urban works and structures to the extent that identification of the soil is not feasible. The urban land designated areas are mainly in the closely built-up parts of the City of Rochester. The native surficial geology is described as generally laminated clay and silt deposited in proglacial lakes, generally calcareous, with potential land stability. Overburden thickness is variable (up to 50 meters; New York Geological Society, 1986).

Glacial deposits overlie the bedrock in this area. Fluvial and lacustrine silts and sands overlie till of variable thickness over the bedrock. The Site's historical fill material was encountered from approximately 0 to 15 feet below ground surface. The bedrock beneath the Site is the Middle Silurian Lockport Group, consisting of the Oak Orchard and Penfield Dolostones, both replaced eastwardly by the Sconondoa Formation limestone and dolostone (Fisher et al., 1970). Depth to bedrock ranges from 7 to 15 feet bgs. The Penfield Member is a sandy dolomite of medium gray to dusky yellowish brown, mottled, fine- to medium-grained, with a saccharoidal texture and includes minor quartz sand and coral fragments (calcareous) and numerous thin, tight fractures with a "checkerboard" pattern. The Oak Orchard Member Dolomite is medium-dark gray to dusky yellowish brown, highly mottled, fine- to medium-grained, with a saccharoidal texture, scattered fossil detritus, and highly megaporous, numerous stylolite seams (United States Army, accessed May 11, 2004 from the World Wide Web). The term "Guelph Dolomite of Lockport Group" is also used to describe the upper part of the Oak Orchard Dolomite (National Geologic Map Database, accessed May 11, 2004 from the World Wide Web). Historical documentation, including soil borings, well installation logs, a bedrock contour figure, Site plan, and cross-sections showing the extent of historical fill material, is provided in Appendix A.

2.2 HYDROGEOLOGIC SETTING

The average depth to groundwater in Monroe County, New York is 5.4 feet bgs (United States Geological Survey [USGS], 2000). There are also local seasonal fluctuations in the water table depth. The water levels tend to be highest in the spring snowmelt period and are lowest during midsummer (USGS, 2000). In previous investigations, saturated soil was typically encountered at a depth of approximately 5 to 7 feet.

Based on the topography, the shallow groundwater flow direction in the vicinity of the Site on a macro scale is expected to be generally north and east toward the Genesee River. The Genesee River, located east of the Site (Figure 1), is a component of the Irondequoit Creek Basin, which encompasses the drainage for much of the Rochester area and points south and east (USGS, 1989). In the upland areas, the water table slopes gently toward the Irondequoit Creek valley. Within the valley, the groundwater gradient is nearly flat, with a northward, down-valley slope toward Irondequoit Bay (USGS, 1989). Water flow from the Irondequoit Creek Basin ultimately flows toward Lake Ontario.

Approximately 300 feet north-northeast of the Site, West Broad Street and the abandoned subway are present in the area of the former Erie Canal. Immediately east of the Site is the location of the former

Genesee Canal. Dependent on the depth to water in the area and nature of the fill materials in the former canal beds, these areas may affect local groundwater flow patterns and potentially act as either a groundwater flow barrier or a preferential flow pathway. Refer to Figures 5A and 5B for groundwater elevation contours.

2.3 APPLICABLE COMPARISON CRITERIA

Samples collected as part of RI were analyzed at Pace Analytical Services (formerly Alpha Analytical Services) in Westborough, Massachusetts. Analytical results were compared to the following criteria based on media analyzed:

- *Soils*

  Soil investigation data are compared to the Commercial SCOs contained in 6 New York Codes, Rules and Regulations (NYCRR) Part 375 effective December 2006. Imported fill data are compared to the imported fill requirements contained in the May 2010 NYSDEC Technical Guidance for Site Investigation and Remediation (DER-10).

- *Groundwater*

  Groundwater data are compared to the June 1998 NYSDEC Division of Water TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA for the protection of a source of drinking water modified per the April 2000 addendum (TOGS 1.1.1).

3. Remedial Investigation Activities

3.1 GROUNDWATER

Per the NYSDEC-approved RI Work Plan, two groundwater sampling events were conducted, including one prior to the start of the IRM activities and a second event following completion of the IRM. The first sampling event was conducted from July 13 through 15, 2021. The second event was on September 30 through October 2, 2024. Prior to each sampling event, a well inventory and static water level measurements were conducted. Groundwater elevation contour maps are included as Figures 5A and 5B.

3.1.1 Monitoring Well Inventory and Sampling Plan Modifications

Per the RI Work Plan, a well inventory was conducted prior to the start of each groundwater sampling event. Most of the wells had not been accessed 2015, some not since 2008. The objective of the inventory was to confirm the location and condition of the monitoring wells for groundwater sampling.

3.1.1.1 2021 Well Inventory Results

MW-4 and MW-5 could not be located. After various reconnaissance efforts to locate the wells, including the use of surveys and metal detector, it was concluded that the wells were likely inadvertently destroyed and/or covered up. MW-8 was found damaged. The following changes to the sampling program were proposed and approved by NYSDEC. See Appendix B for the following NYSDEC correspondence:

- MW-4 and MW-5 were originally planned for per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane sampling. PFAS and 1,4-dioxane sampling was conducted instead at MW-3 and MW-7.
- A grab groundwater sample was collected via Geoprobe in the vicinity of MW-4 and analyzed for VOCs only. A grab sample would likely be too turbid to obtain representative results for metals and SVOCs analyses.

MW-8 was observed to have compromised integrity and debris accumulation in the well casing. Two nearby wells MW-1 and MW-6, which were part of the RI sampling program, were located and sampled. Therefore, MW-8 was removed from the sampling program.

3.1.1.2 2024 Well Inventory Results

MW-4, located on the northernmost side of the Site, was previously covered with landscape and debris but was discovered during IRM activities per the NYSDEC-approved IRM Work Plan. Due to its compromised integrity and debris blockage within the well, it was deemed unsuitable for future groundwater monitoring and was decommissioned in place. MW-4 was replaced with a newly installed well (MW-4R) during the IRM activities (H & A of New York Engineering and Geology, LLP, 2024). See Appendix C for a well decommissioning log for MW-4 and well installation log for MW-4R.

MW-5, previously not located during the 2021 well inventory, was discovered during IRM activities with the well still intact and deemed suitable for future groundwater sampling. MW-6, formerly located off-

Site and southeast of the BCP boundary, could not be located via a global positioning system (GPS) device or metal detector. MW-6 was an upgradient well with historically low to non-detect contaminant concentrations. Since MW-5 was located and could be representative of the eastern portion of the Site downgradient of MW-6, NYSDEC approved MW-6 to be removed from the sampling program. See Appendix B for NYSDEC correspondence.

3.1.2 Well Redevelopment

Well redevelopment was performed per the Field Sampling Plan (FSP) as part of Appendix A and B in the NYSDEC-approved RI Work Plan. Development was performed if 4 inches or more of sediment were observed at the bottom of the well. For the 2021 sampling event, MW-1, MW-2, and MW-6 were developed. For the 2024 sampling event, MW-1, MW-2, MW-3, MW-5, MW-7, MW-9, and MW-10 were developed. Each well was developed by surging a submersible whale pump in the well several times to pull fine-grained material from the well. Development was completed until the water was visibly clear or 10 well volumes were removed, if possible. Well development logs are included in Appendix C.

3.1.3 Groundwater Sampling Procedures

The groundwater sampling was conducted in accordance with the field procedures for groundwater sampling described in the NYSDEC-approved RI Work Plan using a low-flow/low-stress sampling method. A Sample Pro low-flow pneumatic groundwater sampling pump with dedicated low-density polyethylene (LDPE) air tubing and high-density polyethylene (HDPE) water tubing was used for each designated well at the Site. In certain cases, dedicated ½-inch-diameter bailers were used for purging wells that did not produce sufficient water to allow for the application of low-flow methods. In such cases, one well volume was purged from the well and left until the well recharge was sufficient for sampling. The well was then bailed to obtain a sample for analysis. Groundwater quality parameters were monitored during purging using a flow-through YSI ProQuatro multi-parameter water quality meter. The parameters included pH, temperature, oxidation-reduction potential (ORP), dissolved oxygen (DO), turbidity, and conductivity.

3.1.4 Groundwater Sampling

Groundwater samples were collected from monitoring wells MW-1, MW-2, MW-3, MW-6, MW-7, MW-9, and MW-10 in 2021 and MW-1, MW-2, MW-3, MW-4R, MW-5, MW-7, MW-9, and MW-10 in 2024.

The groundwater samples were collected by filling the laboratory-provided designated jars and submitting them to Pace Analytical Services for laboratory testing. All samples in 2021 and 2024 were analyzed for Target Compound List (TCL) VOCs via U.S. Environmental Protection Agency (EPA) Method 8260B, Target Analyte List (TAL) Total and Dissolved Metals using designated field filters via EPA Method 6010, and TCL SVOCs using EPA Method 8270C. The Groundwater Sampling Analysis Plan is provided in Table I.

As part of the RI Work Plan, select wells MW-1, MW-4, and MW-5 were to be sampled and analyzed for an extended list of parameters prior to the interim remedial excavation activities, including PFAS via EPA Method 1633 and 1,4-dioxane via EPA Method 8260B. In correspondence with the NYSDEC on July 7, 2021, approval was given to replace MW-4 and MW-5 with monitoring wells MW-3 and MW-7 and sample for the extended list of parameters (Appendix B).

Post-IRM groundwater sampling was reduced to Site-specific parameters with the addition of cyanide via EPA Method 9010C/9012B for all soil sample locations.

3.1.5 Summary of Results

The groundwater analytical results are summarized in Table II with a comparison to the TOGS 1.1.1. Class GA Ambient Water Quality Standards and Guidance Values and shown on Figure 6. Visual representations of exceedances for chlorinated VOCs, BTEX, and metals are included as posting maps in Appendix D. The laboratory reports are provided in Appendix E. Concentrations of VOCs, including BTEX, TCE, and TCE daughter products cis-1,2-DCE and vinyl chloride); SVOCs, specifically PAHs; and total metals, including iron, magnesium, manganese, and sodium, were detected in on-Site and off-Site/upgradient or cross-gradient wells. Consistent with historical data, chlorinated VOCs and BTEX were observed in groundwater limited to the area of MW-3. The presence of PAHs was indicative of surrounding soil conditions. The concentrations of metals detected were consistent with previous groundwater conditions (Haley & Aldrich of New York, 2008a; Haley & Aldrich of New York, 2009a). VOCs, specifically BTEX, were observed in the Geoprobe grab sample collected proximate to the former MW-4 in 2021, but were not observed in MW-4 or in MW-4R in 2024. The results are discussed further in the following sections.

3.1.5.1 Volatile Organic Compounds (VOCs)

The following summarizes the monitoring wells in which VOCs were detected at concentrations that were higher than the TOGS 1.1.1 Class GA standards or guidance values.

2021 Groundwater Sampling

On-Site Wells:

Constituent	TOGS Criterion (µg/L)	Location	Detected Concentration (µg/L)
Benzene	1	MW-2	20
		MW-4*	24
cis-1,2-DCE	5	MW-3	55
Ethylbenzene	5	MW-3	22
		MW-4*	64
Isopropylbenzene	5	MW-3	9.6
		MW-4*	38
m,p-Xylene	5	MW-4*	400
o-Xylene	5	MW-3	8.7
		MW-4*	12
Toluene	5	MW-4*	28
TCE	5	MW-3	75
Vinyl Chloride	2	MW-3	5.8

**Grab Sample; µg/L = micrograms per liter*

Off-Site/Upgradient or Cross-Gradient Wells:

Constituent	TOGS Criterion (µg/L)	Location	Detected Concentration (µg/L)
Benzene	1	MW-9	380
Ethylbenzene	5	MW-9	490
Isopropylbenzene	5	MW-9	34
m,p-Xylene	5	MW-9	850
MTBE	10	MW-9	28
o-Xylene	5	MW-9	180
Toluene	5	MW-9	94

µg/L = micrograms per liter

***2024 Groundwater Sampling*:**

On-Site Wells:

Constituent	TOGS Criterion (µg/L)	Location	Detected Concentration (µg/L)
Benzene	1	MW-2	3
		MW-3	21
cis-1,2-DCE	5	MW-3	67
Ethylbenzene	5	MW-3	22
Isopropylbenzene	5	MW-3	13
m,p-Xylene	5	MW-3	7
o-Xylene	5	MW-3	16
TCE	5	MW-3	25
VC	2	MW-3	17

µg/L = micrograms per liter

Off-Site/Upgradient or Cross-Gradient Wells:

Constituent	TOGS Criterion (µg/L)	Location	Detected Concentration (µg/L)
Benzene	1	MW-9	250
Ethylbenzene	5	MW-9	400
Isopropylbenzene	5	MW-9	38
m,p-Xylene	5	MW-9	410
MTBE	10	MW-9	11
o-Xylene	5	MW-9	72
Toluene	5	MW-9	24

µg/L = micrograms per liter

3.1.5.2 Semi-Volatile Organic Compounds (SVOCs)

The following summarizes the monitoring wells in which SVOCs were detected at concentrations that were higher than the TOGS 1.1.1 Class GA standards or guidance values.

2021 Groundwater Sampling

On-Site Wells:

Constituent	TOGS Criterion (µg/L)	Location	Detected Concentration (µg/L)
Benzo(a)anthracene	0.002	MW-2	0.03 (J)
Biphenyl	5	MW-3	5.7
Chrysene	0.002	MW-2	0.02 (J)
Naphthalene	10	MW-3	27

µg/L = micrograms per liter

Off-Site/Upgradient or Cross-Gradient Wells:

Constituent	TOGS Criterion (µg/L)	Location	Detected Concentration (µg/L)
Phenol	1	MW-9	2.8 (J)
Benzo(a)anthracene	0.002	MW-6	0.05 (J)
		MW-10	0.05 (J)
Benzo(b)fluoranthene	0.002	MW-6	0.02 (J)
		MW-10	0.11
Benzo(k)fluoranthene	0.002	MW-6	0.03 (J)
Chrysene	0.002	MW-6	0.05 (J)
		MW-10	0.06 (J)
Naphthalene	10	MW-9	190
Pentachlorophenol	1	MW-10	8

µg/L = micrograms per liter

2024 Groundwater Sampling

On-Site Wells:

Constituent	TOGS Criterion (µg/L)	Location	Detected Concentration (µg/L)
Phenol	1	MW-7	3.1 (J)
Benzo(a)anthracene	0.002	MW-2	0.03 (J)
		MW-3	0.05 (J)
		MW-5	0.24 (J)
Benzo(b)fluoranthene	0.002	MW-3	0.05 (J)
		MW-5	0.35 (J)
Benzo(k)fluoranthene	0.002	MW-5	0.12
Chrysene	0.002	MW-3	0.04 (J)
		MW-5	0.22 (J)
Indeno(1,2,3-cd)pyrene	0.002	MW-3	0.04 (J)
		MW-5	0.21 (J)
Naphthalene	10	MW-2	16
		MW-3	19

µg/L = micrograms per liter

Off-Site/Upgradient or Cross-Gradient Wells:

Constituent	TOGS Criterion (µg/L)	Location	Detected Concentration (µg/L)
Phenol	1	MW-9	13
Benzo(a)anthracene	0.002	MW-9	0.26
Benzo(b)fluoranthene	0.002	MW-9	0.12
		MW-10	0.42
Benzo(k)fluoranthene	0.002	MW-9	0.18
Chrysene	0.002	MW-9	0.25
Indeno(1,2,3-cd)pyrene	0.002	MW-9	0.26
Naphthalene	10	MW-9	90
Pentachlorophenol	1	MW-10	10

µg/L = micrograms per liter

3.1.5.3 Metals – Total and Dissolved

The following summarizes the monitoring wells in which metals were detected at concentrations that were higher than the TOGS 1.1.1 Class GA standards or guidance values.

2021 Groundwater Sampling

On-Site Wells:

Constituent	TOGS Criterion (µg/L)	Location	Detected Concentration (µg/L)
Iron, Dissolved	300	MW-2	5,320
		MW-3	6,130
Magnesium, Dissolved	35,000	MW-2	41,100
Manganese, Dissolved	300	MW-2	354
		MW-3	647
Sodium, Dissolved	20,000	MW-2	32,900
		MW-3	50,900
Iron, Total	300	MW-2	5,520
		MW-3	5,590
Magnesium, Total	300	MW-2	38,300
Sodium, Total	20,000	MW-2	33,900
		MW-3	52,000

µg/L = micrograms per liter

Off-Site/Upgradient or Cross-Gradient Wells:

Constituent	TOGS Criterion (µg/L)	Location	Detected Concentration (µg/L)
Iron, Dissolved	300	MW-6	7,250
		MW-9	1,520
		MW-10	524
Magnesium, Dissolved	35,000	MW-6	110,000
Manganese, Dissolved	300	MW-6	430
Sodium, Dissolved	20,000	MW-1	96,400
		MW-6	81,800
		MW-9	147,000
		MW-10	107,000
Iron, Total	300	MW-6	7,580
		MW-9	1,560
		MW-10	1,040
Magnesium, Total	300	MW-6	112,000
Manganese, Total	300	MW-1	311
		MW-6	358
Sodium, Total	20,000	MW-1	86,100
		MW-6	78,800
		MW-9	185,000

Constituent	TOGS Criterion (µg/L)	Location	Detected Concentration (µg/L)
		MW-10	109,000

µg/L = micrograms per liter

2024 Groundwater Sampling

On-Site Wells:

Constituent	TOGS Criterion (µg/L)	Location	Detected Concentration (µg/L)
Iron, Dissolved	300	MW-2	4,630
		MW-3	2,530
		MW-4R	2,820
		MW-5	466 (J)
Magnesium, Dissolved	35,000	MW-2	44,400
		MW-4R	44,500
Manganese, Dissolved	300	MW-2	773.4
		MW-4R	780.3
		MW-5	526.2
Sodium, Dissolved	20,000	MW-2	35,600
		MW-3	40,000
		MW-5	32,400
Iron, Total	300	MW-2	5,470
		MW-3	10,200
		MW-4R	7,900
		MW-5	1,690 (J)
		MW-7	877
Magnesium, Total	300	MW-2	51,000
		MW-4R	46,300
		MW-5	35,600
Manganese, Total	300	MW-2	848.1
		MW-4R	868.3
		MW-5	536 (J)
		MW-7	3,347
Sodium, Total	20,000	MW-2	38,600
		MW-3	43,100
		MW-5	35,900 (J)

µg/L = micrograms per liter

Off-Site/Upgradient or Cross-Gradient Wells:

Constituent	TOGS Criterion (µg/L)	Location	Detected Concentration (µg/L)
Iron, Dissolved	300	MW-9	458
		MW-10	952
Magnesium, Dissolved	35,000	MW-9	40,200
Manganese, Dissolved	300	MW-10	429.9
Sodium, Dissolved	20,000	MW-1	48,500
		MW-9	201,000
		MW-10	239,000
Iron, Total	300	MW-1	650
		MW-9	1,270
		MW-10	9,080
Magnesium, Total	300	MW-9	36,500
		MW-10	40,800
Manganese, Total	300	MW-10	722.2
Sodium, Total	20,000	MW-1	46,300
		MW-9	204,000
		MW-10	244,000

µg/L = micrograms per liter

3.1.5.4 PFAS and 1,4-Dioxane

PFAS:

- Groundwater samples collected in 2021 from MW-3 had detections of PFAS, specifically perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic (PFOA) with concentrations of 0.0059 and 0.00782 micrograms per liter (µg/L), slightly higher than the TOGS 1.1.1 Class GA guidance values of [0.0027 and 0.0067 µg/L], respectively.

1,4-Dioxane:

- There were no exceedances of 1,4-dioxane above the TOGS 1.1.1 Class GA standard.

4. Interim Remedial Measure Activities

IRM activities were conducted between May and September 2024 in accordance with the NYSDEC-approved IRM Work Plan. The IRM included excavation and off-Site disposal of the top 1 foot below finished grade of existing soil, fill, pavement material, and abandoned railroad spurs. Three additional excavations were conducted to remove soils with lime-like material indicative of potential purifier waste, and two areas with the highest concentrations of TCE in the initial documentation soil samples.

During excavation activities on the northern side of the Site, soils were observed to have white material with an interbedded light blue color that was identified as "lime-like" material, which was indicative of potential former MGP purifier waste. The material appeared to be consistent with previous observations from soil borings SB-16 and MW-4 in the *2008 Site Characterization Report* that confirmed the presence of lime (Haley & Aldrich of New York, 2008). Test pits were completed to delineate and estimate the amount of lime-like material present. Upon discussion with the NYSDEC, the lime-like material and associated soils were removed until the lime-like material was no longer visibly observed. Approximately 311 cubic yards of lime-like material comingled with urban fill and soils were excavated, sampled according to landfill requirements, and disposed of at WM High Acres Landfill in Fairport, New York, a NYSDEC-permitted landfill (High Acres).

Initial documentation sample results indicated TCE concentrations were present in various locations below the Commercial SCO. Additional excavation was conducted to remove soils from two areas that had the highest concentrations of TCE. One area was located immediately north of the 90 Canal Street property and proximate to MW-3, which contains TCE in groundwater, and the second area was located on the northern side of the railroad tracks in the southeastern corner of the Site. TCE had been detected in MW-3 historically but had not been detected in the other Site monitoring wells. An additional 1 to 2 feet of soil were removed from both locations with soils being continuously screened with a PID until practical excavation limits were reached based on proximity to the 90 Canal Street property, and to a depth that would not undermine the active railroad track. Approximately 118 tons of urban fill and soils from the TCE areas were sampled for disposal according to landfill requirements and disposed of as non-hazardous material at High Acres.

Excavation, backfilling, and Site restoration activities resulted in installation of a demarcation layer and 1 foot of clean cover. The installed 1-foot cover system consisted of various cover types, including aggregate, a porous pavement system (Geopave), and topsoil that was seeded and mulched. IRM activities are described in the *Construction Completion Report* (H & A of New York Engineering and Geology, LLP, 2025) with the various cover types shown on Figure 3.

4.1 DOCUMENTATION SOIL SAMPLE RESULTS

Post-excavation documentation soil samples were collected in accordance with the NYSDEC-approved IRM Work Plan and DER-10. One documentation sample was collected for every 900 square feet at the base of the excavation. In total, 59 documentation soil samples were collected and analyzed for TCL VOCs via EPA Method 8260, TAL Metals via EPA Method 6010, TCL SVOCs using EPA Method 8270, and cyanide via EPA Method 4500. A subset of samples, including six documentation soil samples, were analyzed for PCBs via EPA Method 8082, pesticides via EPA Method 8081, herbicides via EPA Method 8151, PFAS via EPA Method 1633, and 1,4-dioxane via EPA Method 8270. The analytical results are

summarized in Tables III and IV with laboratory data in Appendix E. Soil location exceedances are shown on Figure 7A and 7B.

There were no detections of VOCs, cyanide, pesticides, herbicides, PFAS, or PCBs that exceeded Commercial Soil SCOs. Exceedances of SVOCs and metals were randomly distributed throughout the Site and did not appear correlated to any specific source typical of urban fill. Review of the observed SVOCs and metal concentrations are consistent with the historical data and indicate that they are typical of urban fill.

4.1.1 Semi-Volatile Organic Compounds (SVOCs)

SVOCs were detected in the documentation samples throughout the Site. A total of 53 samples had SVOC concentrations above the Commercial Soil SCOs and contained the following five higher-molecular-weight PAHs:

- Benzo(a)anthracene (Commercial SCO = 5.6 mg/kg): 5.8 to 25 mg/kg
- Benzo(a)pyrene (Commercial SCO = 1 mg/kg): 1.2 to 26 kg/mg
- Benzo(b)fluoranthene (Commercial SCO = 5.6 mg/kg): 5.7 to 30 mg/kg
- Diben(a,h)anthracene (Commercial SCO = 0.56 mg/kg): 0.62 to 3.6 mg/kg
- Indeno(1,2,3-cd)pyrene) (Commercial SCO = 5.6 mg/kg): 5.9 to 16 mg/kg

4.1.2 Metals

Several metals were detected in the documentation samples throughout the Site. A total of 47 samples had metal concentrations above the Commercial Soil SCOs, including the following:

- Arsenic (Commercial SCO = 16 mg/kg): 16.5 to 249 mg/kg
- Copper (Commercial SCO = 270 mg/kg): 411 mg/kg
- Mercury (Commercial SCO = 2.8 mg/kg): 14.1 (J) to 27.9 mg/kg
- Nickel (Commercial SCO = 310 mg/kg): 430 mg/kg

5. Conceptual Site Model

As described in DER-10, the CSM process is utilized to: 1) develop a framework for analysis for contaminants identified at the Site during the investigative process; and 2) to provide the basis for determining the need and scope of the remedial action process that is protective of human health and the environment. The CSM process includes delineation of the constituents of concern (COCs), assessment of the extent and transport of the COCs within the environment, and development of a Qualitative Human Health Exposure Assessment (QHHEA) to determine if the COCs could constitute an exposure pathway currently or under the future intended land use scenario. More specifically, the CSM addresses:

1. Source of Contamination;
2. Nature and Extent of Contamination;
3. Dominant Fate and Transport Characteristics (based on Site conditions);
4. Potential Exposure Pathways; and
5. Potentially Impacted Receptors.

The Site CSM has been prepared using information derived from the RI, IRM, and previous Site investigation activities. The sections below provide a summary and discussion of the information collected as they relate to items 1 through 5 of the CSM above.

5.1 CONTAMINANTS OF CONCERN AND THE NATURE AND EXTENT OF CONTAMINATION

Based on the analytical results presented in the sections above, the COCs have been identified based on the detection of any one of a broad suite of organic and inorganic substances that are presumed to be related to the former Site operations and are present at levels higher than the relevant standards, criteria, and guidance (SCGs). Consistent with the approved RI Work Plan, the RI data were evaluated on the basis of the SCGs as specified in 6 NYCRR Part 375 Regulations for soil (specifically Commercial SCOs) and the NYS Ambient Quality Standards and Guidance Values (Class GA) specified in NYSDEC TOGS 1.1.1. These SCGs represent risk-derived concentrations determined by the NYSDEC to be fully protective of human health and the environment. The determination of COCs was based on the following factors:

- COC substances have been consistently detected at concentrations exceeding screening criteria.
- COC substance can be linked to the former Site operations and not to naturally occurring and/or ambient conditions surrounding the Site.
- COC substances have been detected at a frequency and at sufficient concentrations that the COC could present a reasonable potential for human or environmental exposure.

Based on the above criteria, the COCs in overburden material (historical fill and native soils) and groundwater were determined to include the following:

- Chlorinated VOCs, specifically TCE and its breakdown products cis-1,2-DCE and vinyl chloride. Other COCs for VOC constituents included BTEX.
- SVOCs, specifically higher-molecular weight PAHs.
- Inorganic compound arsenic.

The nature and extent of COCs in Site media are described in the sections below. Note that the nature and extent is defined based on the sampling and testing conducted as part of the RI and IRM, as well as sampling and testing conducted by Haley & Aldrich of New York prior to the Site entering the BCP.

5.1.1 Soil and Fill

The overburden soils at the Site generally consist of approximately 6 to 8 feet of historical fill interbedded with organic deposits and native soils, including poorly graded silty sand with clay that ranges from very loose to dense coarse-grained soils and medium still for fines (silts). The fill consists of varying amounts of coal, concrete, brick, wood, ash, and ceramic pieces. The observed coloration includes black, gray-brown, light brown, brown, tan, and yellow-brown. (Haley & Aldrich of New York, 2008a; Haley & Aldrich of New York, 2009a).

The results of the 2024 IRM documentation soil sampling indicated exceedances of the Commercial SCOs for SVOCs, specifically PAHs and metals. Results are consistent with historical data and urban fill heterogeneity, reflecting over a century of industrial and commercial activity. Detectable concentrations appear randomly distributed throughout the Site and do not appear correlated with any specific source. The nature and distribution of the PAH constituents in the Site soils are well within the typical range of background total PAH concentrations of industrial soils (EPRI 2000a; EPRI, 2003) and in line with historical industrial use of the site. Remnants of MGP byproduct wastes at MGP sites are almost always associated with large areas of high PAH concentrations in the thousands of mg/kg (parts per million [ppm]). At the Site, PAH concentrations are relatively low and widely dispersed, and there is no compositional evidence to indicate a specific source of contamination that would be attributed to MGP operations. IRM documentation soil samples also indicated exceedances of the Commercial SCOs for inorganic compounds, in particular arsenic. Concentrations of arsenic were above the typical range of industrial soil background concentrations but did not exceed the TOGS 1.1.1 GA criterion in groundwater. The origins of the impacts for PAHs and arsenic are not known, but rather associated with over a century of commercial and industrial uses. Figures 7A and 7B and Tables III and IV provide a summary of analytical data for the documentation soil samples collected as part of the IRM.

5.1.2 Groundwater

Depth to groundwater during the 2021 and 2024 sampling events was recorded ranging from 4.5 to 11.5 feet bgs. Groundwater generally is shallow at the southern end and deeper at the northern end of the Site. Previous Site characterization reports indicated saturated soils were encountered at an average depth of 5 to 7 feet bgs within the unconsolidated material that is underlaid by dolostone bedrock at an average depth of 7 to 15 feet bgs. Based on the observed depth to groundwater, the shallow groundwater flow direction is predominantly to the north in the vicinity of the Site. Groundwater flows through the same water-bearing units, even though monitoring well screen intervals are within the varying strata of fill, native soil, glacial till, and bedrock (Haley & Aldrich of New York, 2008a; Haley & Aldrich of New York, 2009b).

The groundwater sampling conducted in 2021 and 2024 indicated concentrations consistent with previous investigations. Concentrations exceeded the TOGS 1.1.1 GA criteria for VOCs, including BTEX, TCE, and TCE breakdown products (cis-1,2-DCE and vinyl chloride); SVOCs, specifically PAHs; and total metals, including iron, magnesium, manganese, and sodium. Consistent with historical data, chlorinated VOCs and BTEX were observed in groundwater at MW-3 and benzene was observed at MW-2. The

groundwater flow pattern could result in some minor contribution from the groundwater at off-Site monitoring wells MW-9 and/or MW-10 to the concentrations observed at MW-2 (Haley & Aldrich of New York, 2009). Results of the 2024 sampling of monitoring wells located relatively short distances downgradient from MW-2 and MW-3 had low to non-detectable concentrations of VOCs, indicating the exceedances are localized. The presence of PAHs and metals are reflective of surrounding urban fill conditions. Table II provides a summary of groundwater analytical data and Figures 5A and 5B show locations of all monitoring wells with groundwater flow direction and elevation.

5.2 POTENTIAL SOURCE OF CONTAMINANTS OF CONCERN

Specific sources of COCs were not evident during the RI. The similar concentrations of COCs detected in soil and groundwater across the Site suggest that there was not a specific release of COCs (BTEX, PAHs, chlorinated VOCs, and specific metals). The potential sources of the COCs at the Site include:

- Historical fill material typical of old industrial and urban settings with widely dispersed distribution of COCs in the Site overburden soils;
- The former MGP operations and infrastructure;
- Potential transport of petroleum constituents from an off-Site source; and
- Soil and groundwater impacted with chlorinated VOCs, including TCE and its daughter products (cis-1,2-DCE and vinyl chloride) in the vicinity of MW-3.

5.3 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

A QHHEA is an evaluation of the potential for a complete pathway to exist by which human receptors may be exposed to the Site COCs. The QHHEA process is used as an initial screening tool to assess the potential that COCs identified at the Site could represent a current or potential future human health risk. This initial screening process is used to focus results of the RI on future remedial actions to mitigate human exposure and potential risk that may currently exist, or which could exist in the future. The QHHEA has been completed in accordance with DER-10 requirements for human health exposure assessment with the following specific objectives:

- Qualitatively evaluate actual or potential exposures to Site COCs;
- Characterize the exposure setting, identify potential exposure pathways, and evaluate contaminant fate and transport;
- Derive a conclusion whether a complete exposure pathway could exist currently or be reasonably anticipated in the future whereby human contact to the medium which contains contaminants on Site could potentially occur; and
- If the QHHEA concludes that complete exposure pathways are potentially present, describe the nature of the population exposed, or potentially exposed, to contaminants that are present at the Site and provide recommendations on additional exposure analysis and/or for remedial actions appropriate to mitigate the exposure pathway;

  or

  If the QHHEA concludes that complete exposure pathways do not currently exist or could not reasonably exist in the future, further human health exposure assessment is not warranted.

In accordance with the QHHEA guidance, analysis for exposure pathways for each of the COCs identified at the Site as described above includes a positive determination that an exposure pathway is "complete" if all of the following factors or conditions are identified:

1. Presence of a contaminant in a medium (soil, air, or water);
2. Receptor (e.g., a visitor, occupant, or worker);
3. Transport mechanism (e.g., volatilization) within which the contaminant can migrate to the receptor; and
4. Route of exposure (e.g., inhalation) for the receptor.

The QHHEA for the Site is detailed on Table V, which identifies the potential for exposure pathways that exist currently or that could reasonably exist in the future based on commercial site use. For each media (soil, groundwater, and air/vapor) at the Site, Table V presents an assessment of whether COCs are/could be present, the key fate and transport characteristics of these substances, the potential current and future human exposure/land use scenarios, and identification of exposure pathways. Pathway analysis is based on the assumed exposure scenarios as consistent with the relevant state and federal guidelines as referenced above and as appropriate for the Site.

The current and reasonable anticipated exposure settings for the Site are based on inadvertent ingestion, absorption, or inhalation of COCs to the extent these substances have been identified as being contained in soil, groundwater, and air/soil vapor at this Site. The Site is an operating commercial lumber yard storage area with no existing buildings on the Site. The Site will be utilized for lumber yard storage or as parking areas. No current exposure pathways exist because the Site is covered with 1 foot of clean cover and groundwater is not used at the Site for any purpose. Site groundwater use will be restricted by the Environmental Easement once approved by NYSDEC. Potentially exposed populations include future Site construction workers and visitors during construction. Potential future exposure to the COCs will be restricted by the institutional and engineering controls implemented under a NYSDEC-approved Site Management Plan.

5.4 FISH AND WILDLIFE RESOURCE IMPACT ANALYSIS

The Site is located in the City of Rochester, and adjacent off-Site properties are developed with commercial and multi-tenant residential buildings and/or paved areas with little vegetation. No habitat to support fauna of value to humans can be located within 0.5 miles of the Site. The Site will be utilized for lumber yard storage or as parking areas with no existing buildings or groundwater uses.

New York State regulatory programs have promulgated contaminant-specific standards and guidance values for protection against impacts to fish and wildlife resources under the NYSDEC DER-10 Appendix 3C. The result of the RI indicates Site COCs that were determined to be present in subsurface soils and groundwater that exceed the guidance values for protection of ecological sources. However, as described above in the qualitative assessment, there are no complete exposure pathways to impact ecological sources. Through the use of engineering controls installed during the IRM activities, no complete exposure pathways were determined for ecological receptors or sensitive fish and wildlife resources in the vicinity of the Site. Soil contamination is contained to the Site and confined under a Site cover system consisting of 1-foot minimum of aggregate, a porous pavement system, and topsoil (Figure 3). There are no surface water bodies on Site.

Based on the current Site conditions and the assumption that the current IRM continues to operate as designed, no exceedance of ambient surface water quality standards and SCOs is anticipated on Site. No further fish and wildlife resources impact analysis is needed.

6. Data Usability Summary

Laboratory analytical data were evaluated in accordance with:

- NYSDEC Guidance for the Development of Quality Assurance Plans and Data Usability Summary Reports (DUSRs), dated May 2010;
- United States Environmental Protection Agency (USEPA) National Functional Guidelines for Organic Superfund Methods Data Review (EPA 540-R-20-005) November 2020;
- National Functional Guidelines for Inorganic Superfund Methods Data Review, Final (EPA 542-R-20-006) November 2020;
- Sampling, Analysis, and Assessment of Per- And Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs April 2023; and
- Method protocol criteria were also considered, where applicable, as prescribed by the most recent update of "Test Methods for Evaluating Solid Waste," SW846.

A review of the laboratory data indicated that the samples were properly analyzed and that the results presented in the laboratory reports were found to be valid and usable; therefore, the data are compliant with the laboratory completeness goal of 90 percent or greater. Specific minor issues discovered during the validation process are addressed in the DUSRs located in Appendix F.

7. Conclusion and Recommendations

7.1 CONCLUSIONS

In accordance with the NYSDEC BCA for the Site, Morse Lumber has undertaken this RI as a Volunteer in accordance with the NYSDEC-approved RI Work Plan. The RI consisted of a targeted sampling program, including the analysis for emerging contaminants, pesticides, herbicides, and PCBs, as well as groundwater sampling conducted before and after the IRM to confirm the results of the previous Site characterization activities and to characterize the nature and extent of contaminants at the Site. Additional soil sampling was completed as part of the IRM to supplement previous investigations (Haley & Aldrich of New York, 2008; Haley & Aldrich of New York, 2009). The objectives of the RI Work Plan were satisfied. The RI and IRM documentation soil sampling filled in data gaps and allowed for completion of the CSM and Site Characterization phase of the BCP.

In summary:

- Pre- and post-IRM groundwater sampling results were consistent with previous investigations. No apparent on-Site MGP sources of contamination were identified. Groundwater quality across the Site was generally below TOGS 1.1.1 Class GA standards and guidance values, with the exception of VOCs, including BTEX, TCE, and daughter products (cis-1,2-DCE and vinyl chloride), and SVOCs, specifically PAHs detected in on-Site, upgradient, cross gradient, and downgradient wells. Chlorinated VOCs and BTEX were observed in groundwater from monitoring well MW-3. The PAH results are generally reflective of the surrounding fill material. The presence of PAHs is reflective of surrounding historical fill conditions impacting groundwater turbidity.

  BTEX and chlorinated VOCs exceedances appear to be localized to MW-3. There were no exceedances of VOCs observed at downgradient wells MW-4/4R and MW-7.

- Post-excavation IRM documentation soil samples had exceedances of Commercial Soil SCOs specifically SVOCs (PAHs). The PAH data indicate considerable variability in PAH compositions, suggesting a variety of potential sources for PAHs in the Site soils and well within the typical range of background PAH background concentrations for industrial sites. The heterogeneous nature and lack of clustering or grouping in PAH concentrations are more indicative of over a century of commercial and industrial uses at the Site and are not attributed to a specific source. The former MGP operations do not appear to have left a residual source of contamination.

The objectives of the IRM Work Plan completed in 2024 were met. IRM activities included excavation and off-Site disposal of existing soil, fill, pavement material, and abandoned railroad spurs, and installation of a demarcation layer and 1 foot of clean cover to constitute the cover system for the Site. Additional excavation activities included removal of lime-like material in the northern portion of the Site and TCE-containing soils in the southeastern portion of the Site. The completed excavation activities and installed 1-foot cover system support the overall objective of a Track 4 Cleanup protective of the intended and reasonably anticipated future commercial/industrial use of the Site.

In conclusion, the Site is located in an urban area with a long history of commercial and industrial use. Overall, the nature and distribution of constituents in the Site soils are random and typical to urban background conditions. Further Site characterization does not appear to be warranted, and the frequency and concentrations of contaminants in soil and groundwater do not indicate the need for further remedial action. No current exposure pathways exist to human health or fish and wildlife

resources. The Site is covered with 1 foot of clean cover, including the Geopave porous system, aggregate, and topsoil; groundwater is not used at the Site for any purpose. Site groundwater use will be restricted via institutional controls. Site construction workers have the potential to be exposed to Site contaminants if the cover is breached.

7.2 RECOMMENDATIONS AND NEXT STEPS

Based on the RI results detailed above and previous investigations and completion of the IRM, the following are recommended next steps:

- Implementation of institutional and engineering controls, including an Environmental Easement and Site Management Plan.

References

1. Blasland, Bouck, and Lee, Inc., 2006. *Site Characterization Work Plan.*

2. Electric Power Research Institute (EPRI), 2000a. *Literature Review of Background Polycyclic Aromatic Hydrocarbons*. Prepared by META Environmental. EPRI, Palo Alto, CA. TR-114755.

3. EPRI, 2000b. Chemical Source Attribution at Former MGP Sites. EPRI, Palo Alto, CA, NYSEG, Binghampton, NY, and RG&E, Rochester, NY. Report No. 1000728.

4. EPRI, 2003. Polycyclic Aromatic Hydrocarbons (PAHs) in Surface Soils in Western New York, Follow-up Report for New York State Soils. EPRI, Palo Alto, California. Report No. 1005296.

5. Fisher, D.W., Y.W. Isachasen, and L.V. Richard, 1970. Geologic Map of New York State. N.Y. State Museum and Science Service, Finger Lakes sheet, Map and Chart Series 15.

6. H & A of New York Engineering and Geology, LLP, 2025. *Construction Completion Report.* June.

7. Haley & Aldrich of New York, 2008a. *Site Characterization Report, Canal Street Former MGP Site. Rochester Gas and Electric Corp., Rochester, New York*. January.

8. Haley & Aldrich of New York, 2008b. *Site Characterization Work Plan Addendum, Canal Street Former MGP Site. Rochester Gas and Electric Corp., Rochester, New York*. May 20.

9. Haley & Aldrich of New York, 2008c. *Site Characterization Work Plan Addendum 2, Canal Street Former MGP Site. Rochester Gas and Electric Corp., Rochester, New York*. July 14.

10. Haley & Aldrich of New York, 2009a. *Site Characterization Addendum Report, Canal Street, Rochester Former MGP Site, Rochester Gas & Electric Corp, Rochester, New York*. March 2.

11. Haley & Aldrich of New York, 2009b. *Site Characterization Addendum No. 2 Report, Canal Street, Rochester Former MGP Site, Rochester Gas & Electric Corp, Rochester, New York*. December.

12. Haley & Aldrich of New York, 2019. *Interim Remedial Measures Work Plan, Portion of 65 Trowbridge Street, Rochester, New York Rochester Gas & Electric Corp*. January 2019; Revised March 2021.

13. Haley & Aldrich of New York, 2020. *Brownfield Cleanup Program Application, Portion of 65 Trowbridge Street, Rochester, New York*. January.

14. Haley & Aldrich of New York, 2021. *Remedial Investigation Work Plan, Portion of 65 Trowbridge Street, Rochester, New York Rochester Gas & Electric Corp.* March.

15. National Geologic Map Database. http://ngmdb.usgs.gov/Geolex/Refsmry/sumry_3066.html. Accessed May 11, 2004.

16. New York Geological Society, 1986. Surficial Geologic Map of New York, /University of the State of New York, the State Education Department, Robert H. Fakundiny, State Geologist: New York State Geological Survey Map and Chart Series Number 40, Finger Lakes Sheet.

17. New York State Department of Environmental Conservation (NYSDEC), 1998. Division of Water TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA. June 1998; Modified in the for April 2000 addendum.

18. New York State Department of Environmental Conservation (NYSDEC), 2010a. *Guidance for the Development of Quality Assurance Plans and Data Usability Summary Reports (DUSRs)*. May.

19. New York State Department of Environmental Conservation (NYSDEC), 2010b. Program Policy DER-10, Technical Guidance for Site Investigation and Remediation. May.

20. New York State Department of Environmental Conservation (NYSDEC), 2023. *Sampling, Analysis, and Assessment of Per- And Polyfluoroalkyl Substances (PFAS)* Under NYSDEC's Part 375 Remedial Programs. April.

21. United States Army: http://www.wes.army.mil/SL/TM6370/riprap/RL/437710R.TXT . Accessed May 11, 2004.

22. United States Department of Agriculture Soil Conservation Service, 1973. "Soil Survey of Monroe County, New York."

23. United States Environmental Protection Agency (USEPA), 2020a. *National Functional Guidelines for Inorganic Superfund Methods Data Review* (EPA 540-R-20-006). November.

24. United States Environmental Protection Agency (USEPA), 2020b. *National Functional Guidelines for Organic Superfund Methods Data Review* (EPA 540-R-20-005). November.

25. United States Geological Survey (USGS), 1989. WRI Report 88-4145.

26. United States Geological Survey (USGS), 2000. Water Resource of Monroe County, New York, Water Years 1994-96, with Emphasis on Water Quality in the Irondequoit Creek Basin, USGS Water Resources Investigations Report 00-4201.

TABLES

TABLE I
GROUNDWATER SAMPLING AND ANALYSIS PLAN
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Monitoring Well	VOCs EPA Method 8260	SVOCs EPA Method 8270	TAL Metals EPA Method 6010/7471A	PFAS EPA Method 1633	1,4-Dioxane EPA Method 8260
2021 SAMPLING EVENT					
MW-1	X	X	X	X	X
MW-2	X	X	X		
MW-3	X	X	X	X	X
MW-4	NS	NS	NS	NS	NS
MW-5	NS	NS	NS	NS	NS
MW-6	X	X	X		
MW-7	X	X	X	X	X
MW-8	NS	NS	NS	NS	NS
MW-9	X	X	X		
MW-10	X	X	X		

Monitoring Well	VOCs EPA Method 8260	SVOCs EPA Method 8270-SIM	TAL Metals EPA Method 6010/7471A	Cyanide EPA Method 9010C/9012B
2024 SAMPLING EVENT				
MW-1	X	X	X	X
MW-2	X	X	X	x
MW-3	X	X	X	X
MW-4	NS	NS	NS	NS
MW-4R	X	X	X	x
MW-5	X	X	X	x
MW-6	NS	NS	NS	NS
MW-7	X	X	X	X
MW-8	NS	NS	NS	NS
MW-9	X	X	X	x
MW-10	X	X	X	x

Abbreviations:

EPA - Environmental Protection Agency
VOCs - Volatile organic compounds
SVOCs - Semi-volatile organic compounds
PFAS - Polyfluorinated alkyl substances

Notes:

1. NS: Well was not sampled. Well could not be located or was found damaged and could not be sampled. See Remedial Investigation Report for details.

4. QA/QC:

MS/MSD - 1 per every 20 samples
Field duplicate - 1 per every 20 samples

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-3	MW-3
Sample Date		12/26/2006	10/12/2007	09/22/2008	07/14/2021	10/02/2024	12/26/2006	10/12/2007	09/22/2008	10/08/2009	06/30/2015	07/13/2021	09/30/2024	12/27/2006	10/11/2007
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Dissolved Metals (ug/L)															
Aluminum, Dissolved	-	-	-	190 U	**8**	**4.36 J**	-	-	190 U	-	-	**19**	**3.89 J**	-	-
Antimony, Dissolved	3	-	-	600 U	**0.7**	**0.64 J**	-	-	600 U	-	-	0.6 U	4 U	-	-
Arsenic, Dissolved	25	-	-	10 U	2.1 U	**0.45 J**	-	-	10 U	-	-	**2.6**	**4.71**	-	-
Barium, Dissolved	1000	-	-	**181**	**179**	**193.9**	-	-	**80.2**	-	-	**119**	**134.5**	-	-
Beryllium, Dissolved	3	-	-	5 U	2.1 U	0.5 U	-	-	5 U	-	-	2.1 U	0.5 U	-	-
Cadmium, Dissolved	5	-	-	1 U	0.4 U	**0.06 J**	-	-	1 U	-	-	0.4 U	0.2 U	-	-
Calcium, Dissolved	-	-	-	**166000**	**158000**	**154000**	-	-	**76800**	-	-	**109000**	**99300**	-	-
Chromium, Dissolved	50	-	-	10 U	**4.2**	1 U	-	-	10 U	-	-	**5.6**	**0.29 J**	-	-
Cobalt, Dissolved	-	-	-	50 U	2.1 U	**0.2 J**	-	-	50 U	-	-	2.1 U	**0.18 J**	-	-
Copper, Dissolved	200	-	-	20 U	**14**	**6.3**	-	-	20 U	-	-	11 U	1 U	-	-
Iron, Dissolved	300	-	-	**728**	**35**	**131**	-	-	100 U	-	-	**5320**	**4630**	-	-
Lead, Dissolved	25	-	-	3 U	2.1 U	1 U	-	-	3 U	-	-	2.1 U	1 U	-	-
Magnesium, Dissolved	35000	-	-	**26200**	**18200**	**26500**	-	-	**36600**	-	-	**41100**	**44400**	-	-
Manganese, Dissolved	300	-	-	**494**	**241**	**248**	-	-	**388**	-	-	**647**	**773.4**	-	-
Mercury, Dissolved	0.7	-	-	0.3 U	0.2 U	0.2 U	-	-	0.3 U	-	-	0.2 U	0.2 U	-	-
Nickel, Dissolved	100	-	-	40 U	**7.7**	**1.64 J**	-	-	40 U	-	-	**5.9**	2 U	-	-
Potassium, Dissolved	-	-	-	**9270**	**7200**	**6830**	-	-	**14200**	-	-	**13000**	**15400**	-	-
Selenium, Dissolved	10	-	-	6.1 U	11 U	5 U	-	-	6.1 U	-	-	21 U	5 U	-	-
Silver, Dissolved	50	-	-	10 U	0.4 U	0.4 U	-	-	10 U	-	-	0.4 U	0.4 U	-	-
Sodium, Dissolved	20000	-	-	**47900**	**96400**	**48500**	-	-	**55100**	-	-	**32900**	**35600**	-	-
Thallium, Dissolved	0.5	-	-	10 U	0.6 U	1 U	-	-	10 U	-	-	0.6 U	1 U	-	-
Vanadium, Dissolved	-	-	-	50 U	5.3 U	5 U	-	-	50 U	-	-	11 U	5 U	-	-
Zinc, Dissolved	2000	-	-	**88.9**	**116**	**68.42**	-	-	20 U	-	-	9 U	10 U	-	-
Total Metals (ug/L)															
Aluminum, Total	-	**655**	**117000**	190 U	40 U	**76.2**	**763**	**560**	**669**	-	**740 J**	**178**	**16.4**	190 U	190 U
Antimony, Total	3	600 R	600 U	600 U	**1.3**	**0.54 J**	600 R	600 U	600 U	-	20 U	1.2 U	4 U	600 U	600 U
Arsenic, Total	25	10 U	**120**	10 U	1.6 U	0.5 U	10 U	10 U	10 U	-	**13 J**	1.6 U	**5.08**	10 U	10 U
Barium, Total	1000	**104**	**1630**	**223**	**182**	**191.4**	**93.2**	**102**	**98.2**	-	**120**	**105**	**143.6**	**48.3**	**63.5**
Beryllium, Total	3	5 U	5 U	5 U	1.6 U	0.5 U	5 U	5 U	5 U	-	2 U	1.6 U	0.5 U	5 U	5 U
Cadmium, Total	5	1 U	**6.1**	1 U	0.4 U	0.2 U	1 U	1 U	1 U	-	2 U	0.4 U	0.2 U	1 U	1 U
Calcium, Total	-	**114000**	**424000**	**160000**	**162000**	**152000**	**83600**	**80500**	**80700**	-	**83800**	**106000**	**108000**	**98300**	**91200**
Chromium, Total	50	10 U	**180**	10 U	4 U	1 U	10 U	10 U	10 U	-	4 U	4 U	1 U	10 U	10 U
Cobalt, Total	-	50 U	**66.2**	50 U	2 U	**0.24 J**	50 U	50 U	50 U	-	**0.93 J**	2 U	**0.21 J**	50 U	50 U
Copper, Total	200	20 U	**1970**	20 U	**1.5**	**9.65 J+**	20 U	20 U	20 U	-	10 U	**1.5**	2 U	20 U	20 U
Iron, Total	300	**11800**	**246000**	**18100**	**176**	**650**	**8850**	**7830**	**6520**	-	**16100 J**	**5520**	**5470**	**547**	**433**
Lead, Total	25	**12.2**	**3940**	**4.3**	0.2 U	**6.69**	**16.2**	**11.8**	**14.6**	-	**17**	**0.6**	**0.34 J**	3 U	3 U
Magnesium, Total	35000	**24100**	**165000**	**24800**	**21500**	**25400**	**38200**	**35800**	**37300**	-	**51000**	**38300**	**51000**	**33300**	**24400**
Manganese, Total	300	**382**	**4080**	**469**	**311**	**214.5**	**740**	**604**	**436**	-	**630 J**	**197**	**848.1**	**667**	15 U
Mercury, Total	0.7	0.3 U	**20.8**	0.3 U	0.2 U	0.2 U	0.3 U	0.3 U	0.3 U	-	0.2 U	0.2 U	0.2 U	0.3 U	0.3 U
Nickel, Total	100	40 U	**154**	40 U	**6.1**	**1.51 J**	40 U	40 U	40 U	-	**1.7 J**	**3.6**	2 U	40 U	40 U
Potassium, Total	-	**8720**	**25500**	**8730**	**7550**	**6620**	**10700**	**12200**	**13800**	-	**12900**	**13400**	**16100**	**7480**	**6090**
Selenium, Total	10	6.1 U	**6.2**	6.1 U	4 U	5 U	6.1 U	6.1 U	6.1 U	-	25 U	4 U	5 U	6.1 U	6.1 U
Silver, Total	50	10 U	**10.4**	10 U	0.4 U	0.4 U	10 U	10 U	10 U	-	6 U	0.4 U	0.4 U	10 U	10 U
Sodium, Total	20000	**58900**	**44700**	**46600**	**86100**	**46300**	**49700**	**65600**	**53800**	-	**45400**	**33900**	**38600**	**11700**	**9840**
Thallium, Total	0.5	10 U	10 U	10 U	0.2 U	1 U	10 U	10 U	10 U	-	20 U	0.2 U	1 U	10 U	10 U
Vanadium, Total	-	50 U	**217**	50 U	2 U	5 U	50 U	50 U	50 U	-	**1.6 J**	2 U	5 U	50 U	50 U
Zinc, Total	2000	**30.8**	**3990**	**123**	2 U	**72.84**	20 U	20 U	20 U	-	**17 J+**	**15**	10 U	20 U	20 U

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-3	MW-3
Sample Date		12/26/2006	10/12/2007	09/22/2008	07/14/2021	10/02/2024	12/26/2006	10/12/2007	09/22/2008	10/08/2009	06/30/2015	07/13/2021	09/30/2024	12/27/2006	10/11/2007
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Other (ug/L)															
Cyanide, Total (ug/l)	200	10 U	10 U	10 U	-	**2 J**	10 U	10 U	10 U	-	10 U	-	5 U	10 U	10 U
PFAS (ug/L)															
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	-	-	-	-	0.00183 U	-	-	-	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	-	-	-	-	0.00183 U	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	-	-	-	0.00183 U	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	-	-	-	-	0.00183 U	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	-	-	-	-	**0.00204**	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	-	-	-	-	**0.0111**	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	-	-	-	-	0.00183 U	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	-	-	-	-	0.00183 U	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	-	-	-	-	0.00183 U	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	-	0.00183 U	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	-	-	-	-	**0.00171 J**	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	-	-	-	-	0.00183 U	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	-	-	-	-	**0.0035**	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	-	-	-	-	0.00183 U	-	-	-	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	-	-	-	-	0.00183 U	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.0027	-	-	-	**0.000702 J**	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.0067	-	-	-	**0.00406**	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	-	-	-	-	**0.00524**	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	-	0.00183 U	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	-	-	-	-	0.00183 U	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	-	-	-	-	0.00183 U	-	-	-	-	-	-	-	-	-	-
US EPA PFAS (PFOS + PFOA)	-	-	-	-	**0.00476 J**	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)															
1,2,4,5-Tetrachlorobenzene	5	-	-	-	10 U	10 U	-	-	-	-	-	10 U	10 U	-	-
2,2'-oxybis(1-Chloropropane)	5	9 U	200 U	50 U	2 U	2 U	9 U	10 U	10 U	-	4.6 U	2 U	2 U	10 U	10 UJ
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	-	-	-	-	5 U	5 U	-	-	-	-	-	5 U	5 U	-	-
2,4,5-Trichlorophenol	-	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
2,4,6-Trichlorophenol	-	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
2,4-Dichlorophenol	5	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
2,4-Dimethylphenol	50	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
2,4-Dinitrophenol	10	47 UJ	980 UJ	250 UJ	20 U	20 U	47 UJ	49 UJ	53 UJ	-	9.3 U	20 U	20 U	50 UJ	50 UJ
2,4-Dinitrotoluene	5	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
2,6-Dinitrotoluene	5	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
2-Chloronaphthalene	10	9 U	200 U	50 U	-	-	9 U	10 U	10 U	-	4.6 U	-	-	10 U	10 UJ
2-Chlorophenol	-	9 U	200 UJ	50 U	2 U	2 U	9 U	10 UJ	10 U	-	4.6 U	2 U	2 U	10 U	10 UJ
2-Methylnaphthalene	-	9 UJ	200 U	50 U	-	-	**3 J**	**0.9 J**	10 U	-	4.6 U	-	-	**3 J**	10 UJ
2-Methylphenol (o-Cresol)	-	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
2-Nitroaniline	5	47 U	980 U	250 U	5 U	5 U	47 U	49 U	53 U	-	9.3 U	5 U	5 U	50 U	50 UJ
2-Nitrophenol	-	9 U	200 U	50 U	10 U	10 U	9 U	10 U	10 U	-	4.6 U	10 U	10 U	10 U	10 UJ
3&4-Methylphenol	-	-	-	-	5 U	5 U	-	-	-	-	-	5 U	5 U	-	-
3,3'-Dichlorobenzidine	5	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
3-Nitroaniline	5	47 U	980 U	250 U	5 U	5 U	47 U	49 U	53 U	-	9.3 U	5 U	5 U	50 U	50 UJ

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-3	MW-3
Sample Date		12/26/2006	10/12/2007	09/22/2008	07/14/2021	10/02/2024	12/26/2006	10/12/2007	09/22/2008	10/08/2009	06/30/2015	07/13/2021	09/30/2024	12/27/2006	10/11/2007
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
4,6-Dinitro-2-methylphenol	-	47 U	980 U	250 U	10 U	10 U	47 U	49 U	53 U	-	9.3 U	10 U	10 U	50 U	50 UJ
4-Bromophenyl phenyl ether (BDE-3)	-	9 U	200 U	50 U	2 U	2 U	9 U	10 U	10 U	-	4.6 U	2 U	2 U	10 U	10 UJ
4-Chloro-3-methylphenol	-	9 U	200 U	50 R	2 U	2 U	9 U	10 U	10 R	-	4.6 U	2 U	2 U	10 U	10 UJ
4-Chloroaniline	5	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
4-Chlorophenyl phenyl ether	-	9 U	200 U	50 U	2 U	2 U	9 U	10 U	10 U	-	4.6 U	2 U	2 U	10 U	10 UJ
4-Methylphenol	-	9 U	200 U	50 U	-	-	9 U	10 U	10 U	-	9.3 U	-	-	10 U	10 UJ
4-Nitroaniline	5	47 U	980 U	250 UJ	5 U	5 U	47 U	49 U	53 UJ	-	9.3 U	5 U	5 U	50 U	50 UJ
4-Nitrophenol	-	47 U	980 U	250 R	10 U	10 U	47 U	49 U	53 R	-	9.3 U	10 U	10 U	50 U	50 UJ
Acenaphthene	20	9 U	200 UJ	50 U	-	-	**2 J**	**2 J**	**0.5 J**	-	**1.9 J**	-	-	**1 J**	10 UJ
Acenaphthylene	-	9 U	200 U	50 U	-	-	9 U	10 U	10 U	-	4.6 U	-	-	**1 J**	10 UJ
Acetophenone	-	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
Anthracene	50	9 U	200 U	50 U	-	-	**1 J**	**0.7 J**	**0.6 J**	-	**0.44 J**	-	-	10 U	10 UJ
Atrazine	7.5	9 U	200 U	50 U	10 U	10 U	9 U	10 U	10 U	-	4.6 UJ	10 U	10 U	10 U	10 UJ
Benzaldehyde	-	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 UJ	5 U	5 U	10 U	10 UJ
Benzo(a)anthracene	0.002	9 U	**10 J**	50 U	-	-	9 U	**0.2 J**	10 U	-	4.6 U	-	-	10 U	10 UJ
Benzo(a)pyrene	0	9 U	**10 J**	50 U	-	-	9 U	10 U	10 U	-	4.6 U	-	-	10 U	10 UJ
Benzo(b)fluoranthene	0.002	9 U	**17 J**	50 U	-	-	9 U	10 U	10 U	-	4.6 U	-	-	10 U	10 UJ
Benzo(g,h,i)perylene	-	9 U	**8 J**	50 U	-	-	9 U	10 UJ	10 U	-	4.6 U	-	-	10 U	10 UJ
Benzo(k)fluoranthene	0.002	9 U	200 U	50 U	-	-	9 U	10 U	10 U	-	4.6 U	-	-	10 U	10 UJ
Biphenyl	5	9 U	200 U	50 U	2 U	2 U	**0.6 J**	**0.4 J**	**0.5 J**	-	4.6 U	2 U	2 U	**3 J**	10 UJ
bis(2-Chloroethoxy)methane	5	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
bis(2-Chloroethyl)ether	1	9 U	200 U	50 U	2 U	2 U	9 U	10 U	10 U	-	4.6 U	2 U	2 U	10 U	10 UJ
bis(2-Ethylhexyl)phthalate	5	9 U	200 U	50 U	3 U	3 U	9 U	10 U	10 U	-	**2.7 J**	3 U	3 U	10 U	10 UJ
Butyl benzylphthalate (BBP)	50	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
Caprolactam	-	47 U	980 U	250 U	10 U	**260**	47 U	49 U	53 U	-	4.6 U	10 U	**12**	50 U	50 UJ
Carbazole	-	9 U	200 U	50 U	2 U	2 U	**1 J**	**0.7 J**	**0.9 J**	-	**0.73 J**	2 U	2 U	10 U	10 UJ
Chrysene	0.002	9 U	**8 J**	50 U	-	-	9 U	10 U	10 U	-	4.6 U	-	-	10 U	10 UJ
Dibenz(a,h)anthracene	-	9 U	200 U	50 U	-	-	9 U	10 U	10 U	-	4.6 U	-	-	10 U	10 UJ
Dibenzofuran	-	9 U	200 U	50 U	2 U	2 U	**1 J**	**0.8 J**	**0.6 J**	-	**0.47 J**	2 U	2 U	10 U	10 UJ
Diethyl phthalate	50	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
Dimethyl phthalate	50	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
Di-n-butylphthalate (DBP)	50	9 U	200 U	50 U	5 U	5 U	9 U	**0.3 J**	10 U	-	**0.3 J**	5 U	5 U	**0.6 J**	10 UJ
Di-n-octyl phthalate (DnOP)	50	9 U	200 UJ	50 U	5 U	5 U	9 U	10 UJ	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
Fluoranthene	50	9 U	**14 J**	50 U	-	-	**2 J**	**1 J**	**1 J**	-	**0.98 J**	-	-	10 U	10 UJ
Fluorene	50	9 U	200 U	50 U	-	-	**2 J**	**1 J**	**0.8 J**	-	**1.4 J**	-	-	10 U	10 UJ
Hexachlorobenzene	0.04	9 U	200 U	50 U	-	-	9 U	10 U	10 U	-	4.6 U	-	-	10 U	10 UJ
Hexachlorobutadiene	0.5	9 U	200 U	50 U	-	-	9 U	10 U	10 U	-	4.6 U	-	-	10 U	10 UJ
Hexachlorocyclopentadiene	5	9 U	200 U	50 UJ	20 U	20 U	9 U	10 U	10 UJ	-	4.6 U	20 U	20 U	10 U	10 UJ
Hexachloroethane	5	9 U	200 U	50 U	-	-	9 U	10 U	10 U	-	4.6 U	-	-	10 U	10 UJ
Indeno(1,2,3-cd)pyrene	0.002	9 U	**7 J**	50 U	-	-	9 U	10 U	10 U	-	4.6 U	-	-	10 U	10 UJ
Isophorone	50	9 U	200 U	50 U	5 U	5 U	9 U	10 U	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
Naphthalene	10	9 U	200 U	50 U	-	-	**68**	**4 J**	**7 J**	-	**6.6 J**	-	-	**33**	10 UJ
Nitrobenzene	0.4	9 U	200 U	50 U	2 U	2 U	9 U	10 U	10 U	-	4.6 U	2 U	2 U	10 U	10 UJ
N-Nitrosodi-n-propylamine	-	9 U	200 UJ	50 U	5 U	5 U	9 U	10 UJ	10 U	-	4.6 U	5 U	5 U	10 U	10 UJ
N-Nitrosodiphenylamine	50	9 U	200 U	50 U	2 U	2 U	9 U	10 U	10 U	-	4.6 U	2 U	2 U	10 U	10 UJ
Pentachlorophenol	1	47 U	980 U	250 UJ	-	-	47 U	49 U	53 UJ	-	9.3 U	-	-	50 U	50 UJ
Phenanthrene	50	9 U	**10 J**	50 U	-	-	**5 J**	**3 J**	**3 J**	-	**2.2 J**	-	-	10 U	10 UJ
Phenol	1	9 U	200 UJ	50 U	5 U	5 U	9 U	10 UJ	10 U	-	4.6 U	5 U	**0.87 J**	10 U	10 UJ
Pyrene	50	9 U	**13 J**	50 U	-	-	**1 J**	**0.8 J**	**0.5 J**	-	**0.65 J**	-	-	10 U	10 UJ

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-3	MW-3
Sample Date		12/26/2006	10/12/2007	09/22/2008	07/14/2021	10/02/2024	12/26/2006	10/12/2007	09/22/2008	10/08/2009	06/30/2015	07/13/2021	09/30/2024	12/27/2006	10/11/2007
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Semi-Volatile Organic Compounds (SIM) (ug/L)															
1,4-Dioxane	0.35	-	-	-	**0.113 J**	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	10	-	-	-	0.2 U	0.2 U	-	-	-	-	-	0.2 U	0.2 U	-	-
2-Methylnaphthalene	-	-	-	-	0.1 U	0.1 U	-	-	-	-	-	**0.02 J**	**0.48**	-	-
Acenaphthene	20	-	-	-	0.1 U	0.1 U	-	-	-	-	-	**1.5**	**1.2**	-	-
Acenaphthylene	-	-	-	-	0.1 U	0.1 U	-	-	-	-	-	**0.05 J**	**0.06 J**	-	-
Anthracene	50	-	-	-	0.1 U	0.1 U	-	-	-	-	-	**0.11**	0.1 U	-	-
Benzo(a)anthracene	0.002	-	-	-	0.1 U	0.1 U	-	-	-	-	-	**0.03 J**	**0.03 J**	-	-
Benzo(a)pyrene	0	-	-	-	0.1 U	0.1 U	-	-	-	-	-	0.1 U	0.1 U	-	-
Benzo(b)fluoranthene	0.002	-	-	-	0.1 U	0.1 U	-	-	-	-	-	0.1 U	0.1 U	-	-
Benzo(g,h,i)perylene	-	-	-	-	0.1 U	0.1 U	-	-	-	-	-	0.1 U	0.1 U	-	-
Benzo(k)fluoranthene	0.002	-	-	-	0.1 U	0.1 U	-	-	-	-	-	0.1 U	0.1 U	-	-
Chrysene	0.002	-	-	-	0.1 U	0.1 U	-	-	-	-	-	**0.02 J**	0.1 U	-	-
Dibenz(a,h)anthracene	-	-	-	-	0.1 U	0.1 U	-	-	-	-	-	0.1 U	0.1 U	-	-
Fluoranthene	50	-	-	-	0.1 U	**0.04 J**	-	-	-	-	-	**0.36**	**0.37**	-	-
Fluorene	50	-	-	-	0.1 U	0.1 U	-	-	-	-	-	**0.88**	**0.66**	-	-
Hexachlorobenzene	0.04	-	-	-	0.8 U	0.8 U	-	-	-	-	-	0.8 U	0.8 U	-	-
Hexachlorobutadiene	0.5	-	-	-	0.5 U	0.5 U	-	-	-	-	-	0.5 U	0.5 U	-	-
Hexachloroethane	5	-	-	-	0.8 U	0.8 U	-	-	-	-	-	0.8 U	0.8 U	-	-
Indeno(1,2,3-cd)pyrene	0.002	-	-	-	0.1 U	0.1 U	-	-	-	-	-	0.1 U	0.1 U	-	-
Naphthalene	10	-	-	-	0.1 U	0.1 U	-	-	-	-	-	**2.4**	**16**	-	-
Pentachlorophenol	1	-	-	-	0.8 U	0.8 UJ	-	-	-	-	-	0.8 U	0.8 U	-	-
Phenanthrene	50	-	-	-	0.1 U	0.1 U	-	-	-	-	-	**0.39**	**0.27**	-	-
Pyrene	50	-	-	-	0.1 U	0.1 U	-	-	-	-	-	**0.26**	**0.29**	-	-
Total Petroleum Hydrocarbons (ug/L)															
Diesel Range Organics	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Motor Oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHC as #2 Fuel Oils C10-C23 #2 Diesel, #2 Fuel Oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHC as Gasoline	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbon - Diesel (#4 Fuel Oil)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Fuel Oil #6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/l)															
1,1,1-Trichloroethane	5	5 U	5 U	5 UJ	2.5 U	2.5 U	5 U	5 U	5 UJ	-	1 U	2.5 U	2.5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5	5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U	5 U	-	1 U	0.5 U	0.5 U	5 U	5 U
1,1,2-Trichloroethane	1	5 U	5 U	5 U	1.5 U	1.5 U	5 U	5 U	5 U	-	1 U	1.5 U	1.5 U	5 U	5 U
1,1-Dichloroethane	5	5 U	5 U	5 U	2.5 U	2.5 U	5 U	5 U	5 U	-	1 U	2.5 U	2.5 U	5 U	5 U
1,1-Dichloroethene	5	5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U	5 U	-	1 U	0.5 U	0.5 U	5 U	5 U
1,2,3-Trichlorobenzene	5	-	-	-	2.5 U	2.5 U	-	-	-	-	-	2.5 U	2.5 U	-	-
1,2,4-Trichlorobenzene	5	5 U	5 UJ	5 U	2.5 U	2.5 U	5 U	5 UJ	5 U	-	1 U	2.5 U	2.5 U	5 U	5 UJ
1,2,4-Trimethylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	0.04	5 U	5 U	5 U	2.5 U	2.5 U	5 U	5 U	5 U	-	1 U	2.5 U	2.5 U	5 U	5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	5 U	5 U	5 U	2 U	2 U	5 U	5 U	5 U	-	1 U	2 U	2 U	5 U	5 U
1,2-Dichlorobenzene	3	5 U	5 U	5 U	2.5 U	2.5 U	5 U	5 U	5 U	-	1 U	2.5 U	2.5 U	5 U	5 U

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-3	MW-3
Sample Date		12/26/2006	10/12/2007	09/22/2008	07/14/2021	10/02/2024	12/26/2006	10/12/2007	09/22/2008	10/08/2009	06/30/2015	07/13/2021	09/30/2024	12/27/2006	10/11/2007
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,2-Dichloroethane	0.6	5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U	5 U	-	1 U	0.5 U	0.5 U	5 U	5 U
1,2-Dichloropropane	1	5 U	5 U	5 U	1 U	1 U	5 U	5 U	5 U	-	1 U	1 U	1 U	5 U	5 U
1,3,5-Trimethylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	3	5 U	5 U	5 U	2.5 U	2.5 U	5 U	5 U	5 U	-	1 U	2.5 U	2.5 U	5 U	5 U
1,4-Dichlorobenzene	3	5 U	5 U	5 U	2.5 U	2.5 U	5 U	5 U	5 U	-	1 U	2.5 U	2.5 U	5 U	5 U
1,4-Dioxane	0.35	-	-	-	250 U	250 U	-	-	-	-	-	250 U	250 U	-	-
2-Butanone (Methyl Ethyl Ketone)	50	10 U	10 U	10 U	5 U	5 U	10 U	10 U	10 U	-	10 U	5 U	5 U	10 U	10 U
2-Hexanone (Methyl Butyl Ketone)	50	10 U	10 U	10 U	5 U	5 U	10 U	10 U	10 U	-	5 U	5 U	5 U	10 U	10 U
2-Phenylbutane (sec-Butylbenzene)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	10 U	10 U	10 U	5 U	5 U	10 U	10 U	10 U	-	5 U	5 U	5 U	10 U	10 U
Acetone	50	4.2 U	20 U	20 U	5 U	5 U	20 U	20 U	20 U	-	10 U	5 U	5 U	2.6 U	20 U
Benzene	1	5 U	5 U	5 U	0.5 U	0.5 U	**52**	**24**	**29**	**29**	**16**	**20**	**21**	**1.6 J**	5 U
Bromodichloromethane	50	5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U	5 U	-	1 U	0.5 U	0.5 U	5 U	5 U
Bromoform	50	5 U	5 U	5 U	2 U	2 U	5 U	5 U	5 U	-	1 UJ	2 U	2 U	5 U	5 U
Bromomethane (Methyl Bromide)	5	5 U	5 UJ	5 UJ	2.5 U	2.5 UJ	5 U	5 UJ	5 UJ	-	1 U	2.5 U	2.5 U	5 U	5 UJ
Carbon disulfide	60	10 U	10 U	10 U	5 U	5 U	10 U	10 U	10 U	-	1 U	5 U	5 U	10 U	10 U
Carbon tetrachloride	5	5 U	5 U	5 UJ	0.5 U	0.5 U	5 U	5 U	5 UJ	-	1 U	0.5 U	0.5 U	5 U	5 U
Chlorobenzene	5	5 U	5 U	5 U	2.5 U	2.5 U	5 U	5 U	5 U	-	1 U	2.5 U	2.5 U	5 U	5 U
Chlorobromomethane	5	-	-	-	2.5 U	2.5 U	-	-	-	-	-	2.5 U	2.5 U	-	-
Chloroethane	5	5 UJ	5 UJ	5 U	2.5 U	2.5 UJ	5 UJ	5 UJ	5 U	-	1 U	2.5 U	2.5 U	5 U	5 UJ
Chloroform (Trichloromethane)	7	5 U	5 U	5 U	2.5 U	2.5 U	5 U	5 U	5 U	-	1 U	2.5 U	2.5 U	5 U	5 U
Chloromethane (Methyl Chloride)	5	5 U	5 U	5 U	2.5 U	2.5 U	5 U	5 U	5 U	-	1 U	2.5 U	2.5 U	5 U	5 U
cis-1,2-Dichloroethene	5	5 U	5 U	5 U	2.5 U	2.5 U	**1.1 J**	5 U	**2.4 J**	-	**0.89 J**	2.5 U	**0.72 J**	**96**	**22**
cis-1,3-Dichloropropene	0.4	5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U	5 U	-	1 U	0.5 U	0.5 U	5 U	5 U
Cyclohexane	-	5 U	5 U	5 U	10 U	10 U	**0.75 J**	5 U	**0.27 J**	-	1 U	10 U	10 U	5 U	5 U
Cymene (p-Isopropyltoluene)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	50	5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U	5 U	-	1 UJ	0.5 U	0.5 U	5 U	5 U
Dichlorodifluoromethane (CFC-12)	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	-	1 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	5 U	5 U	5 U	2.5 U	2.5 U	**6.6**	**1.8 J**	**0.61 J**	**1**	**1.3**	2.5 U	2.5 U	**38**	5 U
Isopropylbenzene (Cumene)	5	5 U	5 U	5 U	2.5 U	2.5 U	**0.5 J**	5 U	**0.56 J**	-	1 U	2.5 U	2.5 U	**12**	5 U
m,p-Xylenes	5	-	-	-	2.5 U	2.5 U	-	-	-	-	-	2.5 U	2.5 U	-	-
Methyl acetate	-	10 UJ	10 U	10 U	2 U	2 U	10 UJ	10 U	10 U	-	2.5 U	2 U	2 U	10 U	10 U
Methyl Tert Butyl Ether (MTBE)	10	5 U	5 U	5 U	2.5 U	2.5 U	5 U	5 U	5 U	0.16 U	1 U	2.5 U	2.5 U	5 U	5 U
Methylcyclohexane	-	10 U	10 U	10 U	10 U	10 U	**2.2 J**	10 U	10 U	-	**0.64 J**	10 U	10 U	**9 J**	10 U
Methylene chloride (Dichloromethane)	5	5 UJ	5 UJ	5 UJ	2.5 U	2.5 U	5 UJ	5 UJ	5 UJ	-	1 U	2.5 U	2.5 U	5 U	5 UJ
Naphthalene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	5	-	-	-	2.5 U	2.5 U	-	-	-	-	-	2.5 U	2.5 U	-	-
Styrene	5	5 U	5 U	5 U	2.5 U	2.5 U	**1.5 J**	5 U	5 U	-	1 U	2.5 U	2.5 U	5 U	5 U
tert-Butylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	5	5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U	5 U	-	1 U	0.5 U	0.5 U	5 U	5 U
Toluene	5	5 U	5 U	5 U	2.5 U	2.5 U	**18**	5 U	5 U	0.51 U	**0.6 J**	2.5 U	2.5 U	**0.79 J**	5 U
trans-1,2-Dichloroethene	5	5 U	5 U	5 U	2.5 U	2.5 U	5 U	5 U	**0.38 J**	-	1 U	2.5 U	2.5 U	**5.1**	**0.82 J**
trans-1,3-Dichloropropene	0.4	5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U	5 U	-	1 U	0.5 U	0.5 U	5 U	5 U
Trichloroethene	5	5 U	5 U	5 U	0.5 U	0.5 U	5 U	5 U	5 U	-	1 U	0.5 U	0.5 U	**57**	**38**
Trichlorofluoromethane (CFC-11)	5	5 U	5 U	5 UJ	2.5 U	2.5 UJ	5 U	5 U	5 UJ	-	1 U	2.5 U	2.5 U	5 U	5 U
Trifluorotrichloroethane (Freon 113)	5	5 U	5 U	5 U	2.5 U	2.5 U	5 U	5 U	5 U	-	1 U	2.5 U	2.5 U	5 U	5 U
Vinyl chloride	2	5 U	5 U	5 U	1 U	1 U	5 U	5 U	5 U	-	1 U	**0.13 J**	**0.22 J**	**5.9**	5 U

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-3	MW-3
Sample Date		12/26/2006	10/12/2007	09/22/2008	07/14/2021	10/02/2024	12/26/2006	10/12/2007	09/22/2008	10/08/2009	06/30/2015	07/13/2021	09/30/2024	12/27/2006	10/11/2007
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Xylene (Total)	5	15 U	15 U	15 U	-	-	**13 J**	**2.4 J**	**1.1 J**	**1.7 J**	**1.1 J**	-	-	**25**	15 U

Notes:

1. Results in ***bold*** *are detected.*

2. <: Not detected above the indicated reporting limit.

B: Blank contamination

J: Estimated result

J+: Estimated result, biased high

JF: Estimated result, maximum

R: Rejected during validation, data are not usable

U: Not detected, number is the laboratory reporting limit

UJ: Not detected, reporting limit is estimated

3. Results shaded blue are detected above New York Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) Ambient Water Quality Standards and Guidance Values, Class GA

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4R	MW-5	MW-5	MW-5
Sample Date		09/24/2008	10/08/2009	06/30/2015	07/14/2021	09/30/2024	12/27/2006	12/28/2006	10/12/2007	09/24/2008	07/26/2021	09/30/2024	12/27/2006	10/12/2007	09/23/2008
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Dissolved Metals (ug/L)															
Aluminum, Dissolved	-	**258**	-	-	**6**	**12.4**	-	-	-	190 U	-	**29.8**	-	-	190 U
Antimony, Dissolved	3	600 U	-	-	**0.9**	4 U	-	-	-	600 U	-	4 U	-	-	600 U
Arsenic, Dissolved	25	10 U	-	-	2.1 U	**1.83**	-	-	-	10 U	-	**1.2 J+**	-	-	10 U
Barium, Dissolved	1000	**184**	-	-	**174**	**223.8**	-	-	-	**187**	-	**192.6**	-	-	**396**
Beryllium, Dissolved	3	5 U	-	-	2.1 U	0.5 U	-	-	-	5 U	-	0.5 U	-	-	5 U
Cadmium, Dissolved	5	1 U	-	-	0.4 U	0.2 U	-	-	-	1 U	-	0.2 U	-	-	1 U
Calcium, Dissolved	-	**127000**	-	-	**115000**	**141000**	-	-	-	**135000**	-	**226000**	-	-	**233000**
Chromium, Dissolved	50	10 U	-	-	**5.1**	**0.24 J**	-	-	-	10 U	-	**0.59 J**	-	-	10 U
Cobalt, Dissolved	-	50 U	-	-	2.1 U	**0.42 J**	-	-	-	50 U	-	**1.08**	-	-	50 U
Copper, Dissolved	200	20 U	-	-	11 U	**0.51 J**	-	-	-	20 U	-	**0.68 J**	-	-	20 U
Iron, Dissolved	300	100 U	-	-	**6130**	**2530**	-	-	-	100 U	-	**2820**	-	-	100 U
Lead, Dissolved	25	3 U	-	-	2.1 U	1 U	-	-	-	3 U	-	1 U	-	-	3 U
Magnesium, Dissolved	35000	**45800**	-	-	**27500**	**34800**	-	-	-	**50900**	-	**44500**	-	-	**63900**
Manganese, Dissolved	300	**293**	-	-	**354**	**174.8**	-	-	-	15 U	-	**780.3**	-	-	**1000**
Mercury, Dissolved	0.7	0.3 U	-	-	0.2 U	0.2 U	-	-	-	0.3 U	-	0.2 U	-	-	0.3 U
Nickel, Dissolved	100	40 U	-	-	**5.3**	**1.55 J**	-	-	-	40 U	-	**3.55**	-	-	40 U
Potassium, Dissolved	-	**9190**	-	-	**7740**	**11200**	-	-	-	**7150**	-	**13300**	-	-	**6080**
Selenium, Dissolved	10	6.1 U	-	-	4 U	5 U	-	-	-	6.1 U	-	5 U	-	-	**6.8**
Silver, Dissolved	50	10 U	-	-	0.4 U	0.4 U	-	-	-	10 U	-	0.4 U	-	-	10 U
Sodium, Dissolved	20000	**14900**	-	-	**50900**	**40000**	-	-	-	**7830**	-	**17200**	-	-	**21200**
Thallium, Dissolved	0.5	10 U	-	-	0.6 U	1 U	-	-	-	10 U	-	1 U	-	-	10 U
Vanadium, Dissolved	-	50 U	-	-	2.1 U	5 U	-	-	-	50 U	-	5 U	-	-	50 U
Zinc, Dissolved	2000	20 U	-	-	9 U	**4.31 J**	-	-	-	20 U	-	**8.52 J**	-	-	20 U
Total Metals (ug/L)															
Aluminum, Total	-	**405**	-	**310 J**	40 U	**412**	-	**1480**	**19600**	**887**	-	**1810**	**8840**	**16900**	190 U
Antimony, Total	3	600 U	-	20 U	**1.2**	**0.88 J**	-	600 U	600 U	600 U	-	4 U	600 U	600 U	600 U
Arsenic, Total	25	10 U	-	15 U	1.6 U	**5.45**	-	10 U	**14.5**	10 U	-	**2.64**	**23.3**	**44.5**	**21.4**
Barium, Total	1000	**222**	-	**140**	**190**	**240.8**	-	**136**	**397**	**201**	-	**228.2**	**300**	**819**	**580**
Beryllium, Total	3	5 U	-	2 U	1.6 U	0.5 U	-	5 U	5 U	5 U	-	0.5 U	5 U	5 U	5 U
Cadmium, Total	5	1 U	-	2 U	0.4 U	0.2 U	-	1 U	1 U	1 U	-	0.2 U	1 U	**1.3**	1 U
Calcium, Total	-	**127000**	-	**96000**	**119000**	**134000**	-	**91000**	**209000**	**143000**	-	**244000**	**264000**	**329000**	**245000**
Chromium, Total	50	10 U	-	4 U	4 U	1.09 U	-	10 U	**40.1**	10 U	-	**7.05**	**19.5**	**43**	10 U
Cobalt, Total	-	50 U	-	4 U	2 U	**1.82**	-	50 U	50 U	50 U	-	**1.76**	50 U	50 U	50 U
Copper, Total	200	20 U	-	10 U	**1.3**	2.99 U	-	20 U	**41.4**	20 U	-	8.5 U	20 U	**45**	20 U
Iron, Total	300	**14800**	-	**4100 J**	**5590**	**10200**	-	**1960**	**45100**	**1130**	-	**7900**	**39500**	**47700**	**25200**
Lead, Total	25	3 U	-	10 U	0.2 U	**8.85**	-	**6.6**	**89.8**	3 U	-	**4.85**	**44.8**	**112**	3 U
Magnesium, Total	35000	**44900**	-	**22800**	**26800**	**33600**	-	**184000**	**82800**	**54300**	-	**46300**	**103000**	**124000**	**67400**
Manganese, Total	300	**321**	-	**88 J**	**242**	**211.4**	-	**490**	**2590**	**113**	-	**868.3**	**1400**	**1540**	**1090**
Mercury, Total	0.7	0.3 U	-	0.2 U	0.2 U	0.2 U	-	0.3 U	0.3 U	0.3 U	-	0.2 U	0.3 U	0.3 U	0.3 U
Nickel, Total	100	40 U	-	**2.9 J**	**6**	**2.63**	-	40 U	40 U	40 U	-	**6.55**	40 U	40 U	40 U
Potassium, Total	-	**9150**	-	**6800**	**8380**	**9810**	-	**7380**	**11700**	**7730**	-	**13900**	**11800**	**11600**	**7100**
Selenium, Total	10	6.1 U	-	25 U	4 U	5 U	-	6.1 U	6.1 U	**7**	-	5 U	6.1 U	6.1 U	6.1 U
Silver, Total	50	10 U	-	6 U	0.4 U	0.4 U	-	10 U	10 U	10 U	-	0.4 U	10 U	10 U	10 U
Sodium, Total	20000	**14300**	-	**23000**	**52000**	**43100**	-	**7110**	**9570**	**8260**	-	**17900**	**17500**	**22100**	**22600**
Thallium, Total	0.5	10 U	-	20 U	0.2 U	1 U	-	10 U	10 U	10 U	-	1 U	10 U	10 U	10 U
Vanadium, Total	-	50 U	-	5 U	2 U	5 U	-	50 U	50 U	50 U	-	**4.97 J**	50 U	50 U	50 U
Zinc, Total	2000	20 U	-	**19 J+**	2 U	**8.68 J**	-	**32**	**126**	20 U	-	**29.73**	**115**	**251**	20 U

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4R	MW-5	MW-5	MW-5
Sample Date		09/24/2008	10/08/2009	06/30/2015	07/14/2021	09/30/2024	12/27/2006	12/28/2006	10/12/2007	09/24/2008	07/26/2021	09/30/2024	12/27/2006	10/12/2007	09/23/2008
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Other (ug/L)															
Cyanide, Total (ug/l)	200	10 U	-	10 U	-	**2 J**	-	10 U	10 U	10 U	-	5 U	10 U	10 U	10 U
PFAS (ug/L)															
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	-	-	-	-	0.00184 U	-	-	-	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	-	-	-	-	0.00184 U	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	-	-	-	0.00184 U	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	-	-	-	-	0.00184 U	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	-	-	-	-	**0.0066**	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	-	-	-	-	**0.00922**	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	-	-	-	-	0.00184 U	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	-	-	-	-	0.00184 U	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	-	-	-	-	0.00184 U	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	-	0.00184 U	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	-	-	-	-	**0.00266**	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	-	-	-	-	**0.00185**	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	-	-	-	-	**0.00726**	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	-	-	-	-	**0.000424 J**	-	-	-	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	-	-	-	-	0.00184 U	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.0027	-	-	-	**0.0059**	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.0067	-	-	-	**0.00782**	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	-	-	-	-	**0.00882**	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	-	0.00184 U	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	-	-	-	-	0.00184 U	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	-	-	-	-	0.00184 U	-	-	-	-	-	-	-	-	-	-
US EPA PFAS (PFOS + PFOA)	-	-	-	-	**0.0137**	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)															
1,2,4,5-Tetrachlorobenzene	5	-	-	-	10 U	10 U	-	-	-	-	-	10 U	-	-	-
2,2'-oxybis(1-Chloropropane)	5	10 U	-	4.7 U	2 U	2 U	-	11 U	9 UJ	12 U	-	2 U	9 U	10 U	12 U
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	-	-	-	-	5 U	5 U	-	-	-	-	-	5 U	-	-	-
2,4,5-Trichlorophenol	-	10 U	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	12 U
2,4,6-Trichlorophenol	-	10 U	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	12 U
2,4-Dichlorophenol	5	10 U	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	12 U
2,4-Dimethylphenol	50	10 U	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	12 U
2,4-Dinitrophenol	10	53 UJ	-	9.3 U	20 U	20 U	-	56 UJ	47 UJ	61 UJ	-	20 U	47 UJ	48 UJ	62 UJ
2,4-Dinitrotoluene	5	10 U	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	12 U
2,6-Dinitrotoluene	5	10 U	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	12 U
2-Chloronaphthalene	10	10 U	-	4.7 U	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 U	12 U
2-Chlorophenol	-	10 U	-	4.7 U	2 U	2 U	-	11 U	9 UJ	12 U	-	2 U	9 U	10 UJ	12 U
2-Methylnaphthalene	-	**7 J**	-	**1.3 J**	-	-	-	11 UJ	9 UJ	12 U	-	-	9 UJ	**2 J**	**0.4 J**
2-Methylphenol (o-Cresol)	-	10 U	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	12 U
2-Nitroaniline	5	53 U	-	9.3 U	5 U	5 U	-	56 U	47 UJ	61 U	-	5 U	47 U	48 U	62 U
2-Nitrophenol	-	10 U	-	4.7 U	10 U	10 U	-	11 U	9 UJ	12 U	-	10 U	9 U	10 U	12 U
3&4-Methylphenol	-	-	-	-	5 U	5 U	-	-	-	-	-	5 U	-	-	-
3,3'-Dichlorobenzidine	5	10 U	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	12 UJ
3-Nitroaniline	5	53 U	-	9.3 U	5 U	5 U	-	56 U	47 UJ	61 U	-	5 U	47 U	48 U	62 U

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4R	MW-5	MW-5	MW-5
Sample Date		09/24/2008	10/08/2009	06/30/2015	07/14/2021	09/30/2024	12/27/2006	12/28/2006	10/12/2007	09/24/2008	07/26/2021	09/30/2024	12/27/2006	10/12/2007	09/23/2008
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
4,6-Dinitro-2-methylphenol	-	53 UJ	-	9.3 U	10 U	10 U	-	56 U	47 UJ	61 UJ	-	10 U	47 U	48 U	62 U
4-Bromophenyl phenyl ether (BDE-3)	-	10 U	-	4.7 U	2 U	2 U	-	11 U	9 UJ	12 U	-	2 U	9 U	10 U	12 U
4-Chloro-3-methylphenol	-	10 U	-	4.7 U	2 U	2 U	-	11 U	9 UJ	12 U	-	2 U	9 U	10 U	12 U
4-Chloroaniline	5	10 U	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	12 U
4-Chlorophenyl phenyl ether	-	10 U	-	4.7 U	2 U	2 U	-	11 U	9 UJ	12 U	-	2 U	9 U	10 U	12 U
4-Methylphenol	-	10 U	-	9.3 U	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 U	12 U
4-Nitroaniline	5	53 U	-	9.3 U	5 U	5 U	-	56 U	47 UJ	61 U	-	5 U	47 U	48 U	62 U
4-Nitrophenol	-	53 R	-	9.3 U	10 U	10 U	-	56 U	47 UJ	61 R	-	10 U	47 U	48 U	62 R
Acenaphthene	20	**9 J**	-	**5**	-	-	-	11 U	9 UJ	12 U	-	-	**5 J**	**4 J**	**2 J**
Acenaphthylene	-	**7 J**	-	**2 J**	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 U	12 U
Acetophenone	-	10 U	-	**4.3 J**	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	12 U
Anthracene	50	**0.3 J**	-	**0.28 J**	-	-	-	11 U	9 UJ	12 U	-	-	9 U	**0.4 J**	**0.2 J**
Atrazine	7.5	10 U	-	4.7 U	10 U	10 U	-	11 U	9 UJ	12 U	-	10 U	9 U	10 U	12 U
Benzaldehyde	-	10 U	-	4.7 UJ	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	12 U
Benzo(a)anthracene	0.002	10 U	-	4.7 U	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 U	12 U
Benzo(a)pyrene	0	10 U	-	4.7 U	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 U	12 U
Benzo(b)fluoranthene	0.002	10 U	-	4.7 U	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 U	12 U
Benzo(g,h,i)perylene	-	10 U	-	4.7 U	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 UJ	12 U
Benzo(k)fluoranthene	0.002	10 U	-	4.7 U	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 U	12 U
Biphenyl	5	**15**	-	**2.5 J**	**5.7**	**2.4**	-	11 U	9 UJ	12 U	-	2 U	9 U	10 U	**0.6 J**
bis(2-Chloroethoxy)methane	5	10 U	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	12 U
bis(2-Chloroethyl)ether	1	10 U	-	4.7 U	2 U	2 U	-	11 U	9 UJ	12 U	-	2 U	9 U	10 U	12 U
bis(2-Ethylhexyl)phthalate	5	10 U	-	4.6 UJ	3 U	3 U	-	11 U	9 UJ	12 U	-	3 U	9 U	10 U	12 U
Butyl benzylphthalate (BBP)	50	10 U	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	12 U
Caprolactam	-	53 U	-	4.7 U	10 U	10 U	-	56 U	47 UJ	61 U	-	10 U	47 U	48 U	62 U
Carbazole	-	**0.2 J**	-	4.7 U	2 U	2 U	-	11 U	9 UJ	12 U	-	2 U	9 U	10 U	12 U
Chrysene	0.002	10 U	-	4.7 U	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 U	12 U
Dibenz(a,h)anthracene	-	10 U	-	4.7 U	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 U	12 U
Dibenzofuran	-	**0.3 J**	-	9.3 U	2 U	2 U	-	11 U	9 UJ	12 U	-	2 U	9 U	10 U	12 U
Diethyl phthalate	50	**0.4 J**	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	**0.6 J**
Dimethyl phthalate	50	10 U	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	12 U
Di-n-butylphthalate (DBP)	50	10 U	-	4.7 U	5 U	5 U	-	11 U	**0.3 J**	12 U	-	**0.98 J**	**1 J**	**0.6 J**	**0.7 J**
Di-n-octyl phthalate (DnOP)	50	10 U	-	4.7 U	5 U	5 U	-	0.6 U	9 UJ	12 U	-	5 U	9 U	10 UJ	12 U
Fluoranthene	50	10 U	-	**0.42 J**	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 U	12 U
Fluorene	50	**1 J**	-	**2.3 J**	-	-	-	11 U	9 UJ	12 U	-	-	**1 J**	**0.8 J**	**0.6 J**
Hexachlorobenzene	0.04	10 U	-	4.7 U	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 U	12 U
Hexachlorobutadiene	0.5	10 U	-	4.7 U	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 U	12 U
Hexachlorocyclopentadiene	5	10 U	-	4.7 U	20 U	20 U	-	11 UJ	9 UJ	12 U	-	20 U	9 U	10 U	12 U
Hexachloroethane	5	10 U	-	4.7 U	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 U	12 U
Indeno(1,2,3-cd)pyrene	0.002	10 U	-	4.7 U	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 U	12 U
Isophorone	50	10 U	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 U	12 U
Naphthalene	10	**100**	-	**6.2 J**	-	-	-	11 U	9 UJ	12 U	-	-	**1 J**	10 U	12 U
Nitrobenzene	0.4	10 U	-	4.7 U	2 U	2 U	-	11 U	9 UJ	12 U	-	2 U	9 U	10 U	12 U
N-Nitrosodi-n-propylamine	-	10 U	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	5 U	9 U	10 UJ	12 U
N-Nitrosodiphenylamine	50	10 U	-	4.7 U	2 U	2 U	-	11 U	9 UJ	12 U	-	2 U	9 U	10 U	12 U
Pentachlorophenol	1	53 UJ	-	9.3 U	-	-	-	56 U	47 UJ	61 UJ	-	-	**7 J**	48 U	62 UJ
Phenanthrene	50	**1 J**	-	**0.56 J**	-	-	-	11 U	9 UJ	12 U	-	-	**0.9 J**	**0.4 J**	**0.7 J**
Phenol	1	10 U	-	4.7 U	5 U	5 U	-	11 U	9 UJ	12 U	-	**0.75 J**	9 U	10 UJ	12 U
Pyrene	50	10 U	-	**0.58 J**	-	-	-	11 U	9 UJ	12 U	-	-	9 U	10 U	12 U

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4R	MW-5	MW-5	MW-5
Sample Date		09/24/2008	10/08/2009	06/30/2015	07/14/2021	09/30/2024	12/27/2006	12/28/2006	10/12/2007	09/24/2008	07/26/2021	09/30/2024	12/27/2006	10/12/2007	09/23/2008
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Semi-Volatile Organic Compounds (SIM) (ug/L)															
1,4-Dioxane	0.35	-	-	-	0.144 U	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	10	-	-	-	0.2 U	0.2 U	-	-	-	-	-	0.2 U	-	-	-
2-Methylnaphthalene	-	-	-	-	**2.6**	**1.4**	-	-	-	-	-	0.1 U	-	-	-
Acenaphthene	20	-	-	-	**7.3**	**13**	-	-	-	-	-	0.1 U	-	-	-
Acenaphthylene	-	-	-	-	**3.4**	**8.8**	-	-	-	-	-	0.1 U	-	-	-
Anthracene	50	-	-	-	**0.98**	**0.35**	-	-	-	-	-	0.1 U	-	-	-
Benzo(a)anthracene	0.002	-	-	-	0.1 U	**0.05 J**	-	-	-	-	-	0.1 U	-	-	-
Benzo(a)pyrene	0	-	-	-	0.1 U	**0.04 J**	-	-	-	-	-	0.1 U	-	-	-
Benzo(b)fluoranthene	0.002	-	-	-	0.1 U	**0.05 J**	-	-	-	-	-	0.1 U	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	0.1 U	**0.04 J**	-	-	-	-	-	0.1 U	-	-	-
Benzo(k)fluoranthene	0.002	-	-	-	0.1 U	0.1 U	-	-	-	-	-	0.1 U	-	-	-
Chrysene	0.002	-	-	-	0.1 U	**0.04 J**	-	-	-	-	-	0.1 U	-	-	-
Dibenz(a,h)anthracene	-	-	-	-	0.1 U	0.1 U	-	-	-	-	-	0.1 U	-	-	-
Fluoranthene	50	-	-	-	**0.56**	**0.51**	-	-	-	-	-	0.1 U	-	-	-
Fluorene	50	-	-	-	**4.3**	**2.4**	-	-	-	-	-	0.1 U	-	-	-
Hexachlorobenzene	0.04	-	-	-	0.8 U	0.8 U	-	-	-	-	-	0.8 U	-	-	-
Hexachlorobutadiene	0.5	-	-	-	0.5 U	0.5 U	-	-	-	-	-	0.5 U	-	-	-
Hexachloroethane	5	-	-	-	0.8 U	0.8 U	-	-	-	-	-	0.8 U	-	-	-
Indeno(1,2,3-cd)pyrene	0.002	-	-	-	0.1 U	**0.04 J**	-	-	-	-	-	0.1 U	-	-	-
Naphthalene	10	-	-	-	**27**	**19**	-	-	-	-	-	0.1 U	-	-	-
Pentachlorophenol	1	-	-	-	0.8 U	0.8 U	-	-	-	-	-	0.8 U	-	-	-
Phenanthrene	50	-	-	-	**3.8**	**0.24**	-	-	-	-	-	0.1 U	-	-	-
Pyrene	50	-	-	-	**0.83**	**0.85**	-	-	-	-	-	0.1 U	-	-	-
Total Petroleum Hydrocarbons (ug/L)															
Diesel Range Organics	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Motor Oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHC as #2 Fuel Oils C10-C23 #2 Diesel, #2 Fuel Oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHC as Gasoline	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbon - Diesel (#4 Fuel Oil)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Fuel Oil #6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/l)															
1,1,1-Trichloroethane	5	5 U	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5	5 U	-	1 U	0.5 U	0.5 U	5 U	-	5 UJ	5 U	0.5 U	0.5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1	5 U	-	1 U	1.5 U	1.5 U	5 U	-	5 UJ	5 U	1.5 U	1.5 U	5 U	5 U	5 U
1,1-Dichloroethane	5	5 U	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 U	5 U
1,1-Dichloroethene	5	5 U	-	1 U	0.5 U	0.5 U	5 U	-	5 UJ	5 U	0.5 U	0.5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5	-	-	-	2.5 U	2.5 U	-	-	-	-	2.5 U	2.5 U	-	-	-
1,2,4-Trichlorobenzene	5	5 U	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 UJ	5 U
1,2,4-Trimethylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	0.04	5 U	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	5 U	-	1 U	2 U	2 U	5 U	-	5 UJ	5 U	2 U	2 U	5 U	5 U	5 U
1,2-Dichlorobenzene	3	5 U	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 U	5 U

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4R	MW-5	MW-5	MW-5
Sample Date		09/24/2008	10/08/2009	06/30/2015	07/14/2021	09/30/2024	12/27/2006	12/28/2006	10/12/2007	09/24/2008	07/26/2021	09/30/2024	12/27/2006	10/12/2007	09/23/2008
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,2-Dichloroethane	0.6	5 U	-	1 U	0.5 U	0.5 U	5 U	-	5 UJ	5 U	0.5 U	0.5 U	5 U	5 U	5 U
1,2-Dichloropropane	1	5 U	-	1 U	1 U	1 U	5 U	-	5 UJ	5 U	1 U	1 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	3	5 U	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	3	5 U	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 U	5 U
1,4-Dioxane	0.35	-	-	-	250 U	250 U	-	-	-	-	250 U	250 U	-	-	-
2-Butanone (Methyl Ethyl Ketone)	50	10 U	-	10 U	5 U	5 U	10 U	-	10 UJ	10 U	5 U	5 U	10 U	10 U	10 U
2-Hexanone (Methyl Butyl Ketone)	50	10 U	-	5 U	5 U	5 U	10 U	-	10 UJ	10 U	5 U	5 U	10 U	10 U	10 U
2-Phenylbutane (sec-Butylbenzene)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	10 U	-	5 U	5 U	5 U	10 U	-	10 UJ	10 U	5 U	5 U	10 U	10 U	10 U
Acetone	50	20 U	-	10 U	5 U	5 U	3.2 U	-	20 UJ	20 U	5 U	5 U	20 U	**5.8 J**	20 U
Benzene	1	**6.1**	**24 J**	**4.2**	**1**	**3**	5 U	-	5 UJ	**0.67 J**	**24**	0.5 U	5 U	5 U	5 U
Bromodichloromethane	50	5 U	-	1 U	0.5 U	0.5 U	5 U	-	5 UJ	5 U	0.5 U	0.5 U	5 U	5 U	5 U
Bromoform	50	5 U	-	1 UJ	2 U	2 U	5 U	-	5 UJ	5 U	2 U	2 U	5 U	5 U	5 U
Bromomethane (Methyl Bromide)	5	5 UJ	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 UJ	2.5 U	2.5 U	5 U	5 UJ	5 U
Carbon disulfide	60	10 U	-	1 U	5 U	5 U	10 U	-	10 UJ	10 U	5 U	5 U	10 U	**0.76 J**	10 U
Carbon tetrachloride	5	5 U	-	1 U	0.5 U	0.5 U	5 U	-	5 UJ	5 U	0.5 U	0.5 U	5 U	5 U	5 U
Chlorobenzene	5	5 U	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 U	5 U
Chlorobromomethane	5	-	-	-	2.5 U	2.5 U	-	-	-	-	2.5 U	2.5 U	-	-	-
Chloroethane	5	5 U	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 UJ	5 U
Chloroform (Trichloromethane)	7	5 U	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 U	2.5 U	2.5 U	**1 J**	5 U	5 U
Chloromethane (Methyl Chloride)	5	5 U	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5	**170**	-	**91**	**55**	**67**	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	0.4	5 U	-	1 U	0.5 U	0.5 U	5 U	-	5 UJ	5 U	0.5 U	0.5 U	5 U	5 U	5 U
Cyclohexane	-	5 U	-	**1.4**	10 U	**1.4 J**	5 U	-	5 UJ	5 U	**270**	10 U	5 U	5 U	5 U
Cymene (p-Isopropyltoluene)	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	50	5 U	-	1 UJ	0.5 U	0.5 U	5 U	-	5 UJ	5 U	0.5 U	0.5 U	5 U	5 U	5 U
Dichlorodifluoromethane (CFC-12)	5	5 U	-	1 U	5 U	5 U	5 U	-	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	**190**	**140**	**46**	**22**	**22**	5 U	-	5 UJ	5 U	**64**	2.5 U	5 U	5 U	5 U
Isopropylbenzene (Cumene)	5	**58**	-	**13**	**9.6**	**13**	5 U	-	5 UJ	5 U	**38**	2.5 U	**3.5 J**	**1.5 J**	**1.2 J**
m,p-Xylenes	5	-	-	-	**4.4**	**7**	-	-	-	-	**400**	2.5 U	-	-	-
Methyl acetate	-	10 U	-	2.5 U	2 U	2 U	10 U	-	10 UJ	10 U	2 U	2 U	10 U	10 U	10 U
Methyl Tert Butyl Ether (MTBE)	10	5 U	**1.9 J**	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 U	5 U
Methylcyclohexane	-	**60**	-	**19**	**22**	**44 J**	10 U	-	**0.53 J**	10 U	**410**	10 U	10 U	10 U	10 U
Methylene chloride (Dichloromethane)	5	5 UJ	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 UJ	2.5 U	2.5 U	5 U	5 UJ	5 UJ
Naphthalene	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	5	-	-	-	**12**	**16**	-	-	-	-	**8.7**	2.5 U	-	-	-
Styrene	5	5 U	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 U	5 U
tert-Butylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	5	5 U	-	1 U	**0.23 J**	0.5 U	5 U	-	5 UJ	5 U	0.5 U	0.5 U	5 U	5 U	5 U
Toluene	5	**3.6 J**	**4.7 J**	**1.1**	2.5 U	2.5 U	5 U	-	**0.56 J**	5 U	**28**	2.5 U	**0.44 J**	5 U	5 U
trans-1,2-Dichloroethene	5	**6.4**	-	**3.9**	**3.1**	**3**	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	0.4	5 U	-	1 U	0.5 U	0.5 U	5 U	-	5 UJ	5 U	0.5 U	0.5 U	5 U	5 U	5 U
Trichloroethene	5	**6.2 J**	-	**70**	**75**	**25**	5 U	-	5 UJ	5 U	0.5 U	**0.46 J**	5 U	5 U	5 U
Trichlorofluoromethane (CFC-11)	5	5 U	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 U	5 U
Trifluorotrichloroethane (Freon 113)	5	5 U	-	1 U	2.5 U	2.5 U	5 U	-	5 UJ	5 U	2.5 U	2.5 U	5 U	5 U	5 U
Vinyl chloride	2	**24**	-	**16**	**5.8**	**17**	5 U	-	5 UJ	5 U	1 U	1 U	5 U	5 U	5 U

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4R	MW-5	MW-5	MW-5
Sample Date		09/24/2008	10/08/2009	06/30/2015	07/14/2021	09/30/2024	12/27/2006	12/28/2006	10/12/2007	09/24/2008	07/26/2021	09/30/2024	12/27/2006	10/12/2007	09/23/2008
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Xylene (Total)	5	**100**	**100 J**	**48**	-	-	15 U	-	15 UJ	15 U	-	-	15 U	15 U	15 U

Notes:

*1. Results in **bold** are detected.*

2. <: Not detected above the indicated reporting limit.

B: Blank contamination

J: Estimated result

J+: Estimated result, biased high

JF: Estimated result, maximum

R: Rejected during validation, data are not usable

U: Not detected, number is the laboratory reporting limit

UJ: Not detected, reporting limit is estimated

3. Results shaded blue are detected above New York Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) Ambient Water Quality Standards and Guidance Values, Class GA

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-5	MW-5	MW-6	MW-6	MW-6	MW-6	MW-6	MW-7	MW-7	MW-7	MW-7	MW-8	MW-9
Sample Date		06/30/2015	10/02/2024	12/28/2006	10/12/2007	09/24/2008	07/01/2015	07/15/2021	12/28/2006	07/01/2015	07/13/2021	09/30/2024	09/24/2008	09/24/2008
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Dissolved Metals (ug/L)														
Aluminum, Dissolved	-	-	**22.2**	-	-	190 U	-	**5**	-	-	**5**	**4.78 J**	190 U	190 U
Antimony, Dissolved	3	-	4 U	-	-	600 U	-	0.6 U	-	-	0.6 U	4 U	600 U	600 U
Arsenic, Dissolved	25	-	**0.79**	-	-	10 U	-	**5.7**	-	-	2.1 U	0.56 U	10 U	10 U
Barium, Dissolved	1000	-	**156**	-	-	**78.2**	-	**159**	-	-	**12.2**	**18.65**	**208**	**78.8**
Beryllium, Dissolved	3	-	0.5 U	-	-	5 U	-	2.1 U	-	-	2.1 U	0.5 U	5 U	5 U
Cadmium, Dissolved	5	-	**0.12 J**	-	-	1 U	-	0.4 U	-	-	0.4 U	0.2 U	1 U	1 U
Calcium, Dissolved	-	-	**176000**	-	-	**72500**	-	**134000**	-	-	**112000**	**128000**	**184000**	**35400**
Chromium, Dissolved	50	-	**0.44 J**	-	-	10 U	-	**8.3**	-	-	**4.9**	**0.8 J**	10 U	10 U
Cobalt, Dissolved	-	-	**1.3**	-	-	50 U	-	2.1 U	-	-	2.1 U	0.5 U	50 U	50 U
Copper, Dissolved	200	-	**3.65**	-	-	20 U	-	11 U	-	-	11 U	**0.98 J**	20 U	20 U
Iron, Dissolved	300	-	**466 J**	-	-	100 U	-	**7250**	-	-	11 U	50 U	**208**	100 U
Lead, Dissolved	25	-	**0.63 J**	-	-	3 U	-	2.1 U	-	-	2.1 U	1 U	3 U	3 U
Magnesium, Dissolved	35000	-	**33900**	-	-	**197000**	-	**110000**	-	-	**16200**	**20000**	**50500**	**19200**
Manganese, Dissolved	300	-	**526.2**	-	-	**40.9**	-	**430**	-	-	2.1 U	**6.28**	**1420**	**129**
Mercury, Dissolved	0.7	-	0.2 U	-	-	0.3 U	-	0.2 U	-	-	0.2 U	0.2 U	0.3 U	0.3 U
Nickel, Dissolved	100	-	**1.54 J**	-	-	40 U	-	**9.3**	-	-	**4.4**	**0.66 J**	40 U	40 U
Potassium, Dissolved	-	-	**5310**	-	-	**12000**	-	**12100**	-	-	**6570**	**10300**	**14100**	**26900**
Selenium, Dissolved	10	-	5 U	-	-	6.1 U	-	4 U	-	-	4 U	5 U	6.1 U	6.1 U
Silver, Dissolved	50	-	0.4 U	-	-	10 U	-	0.4 U	-	-	0.4 U	0.4 U	10 U	10 U
Sodium, Dissolved	20000	-	**32400**	-	-	**76900**	-	**81800**	-	-	**7140**	**11600**	**96700**	**300000**
Thallium, Dissolved	0.5	-	1 U	-	-	10 U	-	0.6 U	-	-	0.6 U	1 U	10 U	10 U
Vanadium, Dissolved	-	-	5 U	-	-	50 U	-	2.1 U	-	-	2.1 U	5 U	50 U	50 U
Zinc, Dissolved	2000	-	**17.09**	-	-	20 U	-	**24**	-	-	9 U	**9.63 J**	20 U	20 U
Total Metals (ug/L)														
Aluminum, Total	-	**390 J**	**203 J**	190 U	**4190**	190 U	200 UJ	**114**	190 U	200 UJ	40 U	**255**	190 U	**67500**
Antimony, Total	3	20 U	4 U	600 U	600 U	600 U	20 U	1.2 U	600 U	20 U	**1.2**	**0.59 J**	600 U	600 U
Arsenic, Total	25	**9.5 J**	**2.16 J**	10 U	10 U	10 U	15 U	**8.6**	10 U	15 U	1.6 U	**0.94 J+**	10 U	**45.8**
Barium, Total	1000	**300**	**161**	**61.9**	**128**	**92.9**	**80**	**160**	**68.2**	**41**	**13**	**75.62**	**292**	**499**
Beryllium, Total	3	2 U	0.5 U	5 U	5 U	5 U	2 U	1.6 U	5 U	2 U	1.6 U	0.5 U	5 U	5 U
Cadmium, Total	5	2 U	**0.23**	1 U	1 U	1 U	2 U	0.4 U	1 U	2 U	0.4 U	**0.11 J**	1 U	1 U
Calcium, Total	-	**234000**	**178000**	**57500**	**88200**	**72800**	**82000**	**137000**	**138000**	**113000**	**117000**	**132000**	**195000**	**742000**
Chromium, Total	50	4 U	1.18 UJ	10 U	10 U	10 U	4 U	4 U	10 U	4 U	4 U	**1.92 J+**	10 U	**121**
Cobalt, Total	-	**0.87 J**	**1.45 J**	50 U	50 U	50 U	4 U	2 U	50 U	4 U	2 U	**0.67**	50 U	50 U
Copper, Total	200	10 U	7.11 UJ	20 U	20 U	20 U	10 U	**6.6**	20 U	**1.9 J**	**13.8**	3.57 U	20 U	**190**
Iron, Total	300	**13700 J**	**1690 J**	100 U	**9920**	**2740**	**1300 J**	**7580**	**559**	**140 J**	**23**	**877**	**21100**	**128000**
Lead, Total	25	10 U	**10.44 J**	3 U	**23.7**	3 U	10 U	**5.1**	3 U	10 U	**1.4**	**1.59**	3 U	**830**
Magnesium, Total	35000	**51900**	**35600**	**221000**	**218000**	**194000**	**170000**	**112000**	**25800**	**18300**	**18000**	**22000**	**51500**	**344000**
Manganese, Total	300	**1100 J**	**536 J**	**22.1**	**172**	**42.3**	**34 J**	**358**	**854**	**730 J**	**140**	**3347**	**1490**	**4450**
Mercury, Total	0.7	0.2 U	0.2 U	0.3 U	0.3 U	0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.2 U	0.3 U	0.3 U
Nickel, Total	100	**3.6 J**	**1.84 J**	40 U	40 U	40 U	10 U	**9.3**	40 U	**4.2 J**	**8.2**	**4.71**	40 U	**112**
Potassium, Total	-	**4200**	**5110**	**10400**	**13300**	**12200**	**9100**	**12400**	**6330**	**6500**	**6830**	**10300**	**14900**	**40200**
Selenium, Total	10	25 U	**1.88 J**	6.1 U	6.1 U	6.1 U	25 U	4 U	6.1 U	25 U	4 U	5 U	6.1 U	6.1 U
Silver, Total	50	6 U	0.4 U	10 U	10 U	10 U	6 U	0.4 U	10 U	6 U	0.4 U	0.4 U	10 U	10 U
Sodium, Total	20000	**11300 J+**	**35900 J**	**61800**	**75500**	**76600**	**36400**	**78800**	**13300**	**8500 J+**	**6970**	**12000**	**100000**	**265000**
Thallium, Total	0.5	20 U	1 U	10 U	10 U	10 U	20 U	0.2 U	10 U	20 U	0.2 U	1 U	10 U	10 U
Vanadium, Total	-	5 U	5 U	50 U	50 U	50 U	5 U	2 U	50 U	5 U	2 U	5 U	50 U	**130**
Zinc, Total	2000	**110**	**38.49 J**	20 U	**66.1**	20 U	**22 J+**	**29**	**29.1**	**46**	**119**	**64.76**	20 U	**587**

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-5	MW-5	MW-6	MW-6	MW-6	MW-6	MW-6	MW-7	MW-7	MW-7	MW-7	MW-8	MW-9
Sample Date		06/30/2015	10/02/2024	12/28/2006	10/12/2007	09/24/2008	07/01/2015	07/15/2021	12/28/2006	07/01/2015	07/13/2021	09/30/2024	09/24/2008	09/24/2008
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Other (ug/L)														
Cyanide, Total (ug/l)	200	10 U	5 U	10 U	10 U	10 U	**10**	-	10 U	10 U	-	5 U	10 U	10 U
PFAS (ug/L)														
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	-	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	-	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	-	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
Perfluorobutanesulfonic acid (PFBS)	-	-	-	-	-	-	-	-	-	-	**0.00204**	-	-	-
Perfluorobutanoic acid (PFBA)	-	-	-	-	-	-	-	-	-	-	**0.00913**	-	-	-
Perfluorodecanesulfonic acid (PFDS)	-	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
Perfluorodecanoic acid (PFDA)	-	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
Perfluorododecanoic acid (PFDoDA)	-	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
Perfluoroheptanoic acid (PFHpA)	-	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	-	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
Perfluorohexanoic acid (PFHxA)	-	-	-	-	-	-	-	-	-	-	**0.000442 JF**	-	-	-
Perfluorononanoic acid (PFNA)	-	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
Perfluorooctane sulfonamide (PFOSA)	-	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.0027	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
Perfluorooctanoic acid (PFOA)	0.0067	-	-	-	-	-	-	-	-	-	**0.00112 J**	-	-	-
Perfluoropentanoic acid (PFPeA)	-	-	-	-	-	-	-	-	-	-	**0.00074 J**	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
Perfluorotridecanoic acid (PFTrDA)	-	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
Perfluoroundecanoic acid (PFUnDA)	-	-	-	-	-	-	-	-	-	-	0.00186 U	-	-	-
US EPA PFAS (PFOS + PFOA)	-	-	-	-	-	-	-	-	-	-	**0.00112 J**	-	-	-
Semi-Volatile Organic Compounds (ug/L)														
1,2,4,5-Tetrachlorobenzene	5	-	10 U	-	-	-	-	10 U	-	-	10 U	10 U	-	-
2,2'-oxybis(1-Chloropropane)	5	4.7 U	2 U	10 U	10 U	11 U	4.7 UJ	2 U	13 U	4.7 U	2 U	2 U	11 U	11 U
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	-	-	5 U	-	-	-	-	5 U	-	-	5 U	5 U	-	-
2,4,5-Trichlorophenol	-	4.7 U	5 U	10 U	10 U	11 U	4.7 U	5 U	13 U	4.7 U	5 U	5 U	11 U	11 U
2,4,6-Trichlorophenol	-	4.7 U	5 U	10 U	10 U	11 U	4.7 U	5 U	13 U	4.7 U	5 U	5 U	11 U	11 U
2,4-Dichlorophenol	5	4.7 U	5 U	10 U	10 U	11 U	4.7 U	5 U	13 U	4.7 U	5 U	5 U	11 U	11 U
2,4-Dimethylphenol	50	4.7 U	5 U	10 U	10 U	11 U	4.7 U	5 U	13 U	4.7 U	5 U	5 U	11 U	**12**
2,4-Dinitrophenol	10	9.4 U	20 U	48 U	49 UJ	56 UJ	9.3 U	20 U	64 U	9.4 U	20 U	20 U	53 UJ	54 UJ
2,4-Dinitrotoluene	5	4.7 U	5 U	10 U	10 U	11 U	4.7 UJ	5 U	13 U	4.7 U	5 U	5 U	11 U	11 U
2,6-Dinitrotoluene	5	4.7 U	5 U	10 U	10 U	11 U	4.7 UJ	5 U	13 U	4.7 U	5 U	5 U	11 U	11 U
2-Chloronaphthalene	10	4.7 U	-	10 U	10 U	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
2-Chlorophenol	-	4.7 U	2 U	10 U	10 UJ	11 U	4.7 U	2 U	13 U	4.7 U	2 U	2 U	11 U	11 U
2-Methylnaphthalene	-	4.7 U	-	10 U	10 U	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
2-Methylphenol (o-Cresol)	-	4.7 U	5 U	10 U	10 U	11 U	4.7 U	5 U	13 U	4.7 U	5 U	5 U	11 U	**2 J**
2-Nitroaniline	5	9.4 U	5 U	48 U	49 U	56 U	9.3 UJ	5 U	64 U	9.4 U	5 U	5 U	53 U	54 U
2-Nitrophenol	-	4.7 U	10 U	10 U	10 U	11 U	4.7 U	10 U	13 U	4.7 U	10 U	10 U	11 U	11 U
3&4-Methylphenol	-	-	5 U	-	-	-	-	5 U	-	-	5 U	5 U	-	-
3,3'-Dichlorobenzidine	5	4.7 U	5 U	10 U	10 U	11 U	4.7 UJ	5 U	13 U	4.7 U	5 U	5 U	11 U	11 U
3-Nitroaniline	5	9.4 U	5 U	48 U	49 U	56 U	9.3 UJ	5 U	64 U	9.4 U	5 U	5 U	53 U	54 U

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-5	MW-5	MW-6	MW-6	MW-6	MW-6	MW-6	MW-7	MW-7	MW-7	MW-7	MW-8	MW-9
Sample Date		06/30/2015	10/02/2024	12/28/2006	10/12/2007	09/24/2008	07/01/2015	07/15/2021	12/28/2006	07/01/2015	07/13/2021	09/30/2024	09/24/2008	09/24/2008
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
4,6-Dinitro-2-methylphenol	-	9.4 U	10 U	48 U	49 U	56 UJ	9.3 U	10 U	64 U	9.4 U	10 U	10 U	53 UJ	54 UJ
4-Bromophenyl phenyl ether (BDE-3)	-	4.7 U	2 U	10 U	10 U	11 U	4.7 UJ	2 U	13 U	4.7 U	2 U	2 U	11 U	11 U
4-Chloro-3-methylphenol	-	4.7 U	2 U	10 U	10 U	11 U	4.7 U	2 U	13 U	4.7 U	2 U	2 U	11 U	11 U
4-Chloroaniline	5	4.7 U	5 U	10 U	10 U	11 U	4.7 UJ	5 U	13 U	4.7 U	5 U	5 U	11 U	11 U
4-Chlorophenyl phenyl ether	-	4.7 U	2 U	10 U	10 U	11 U	4.7 UJ	2 U	13 U	4.7 U	2 U	2 U	11 U	11 U
4-Methylphenol	-	9.4 U	-	10 U	10 U	11 U	9.3 U	-	13 U	9.4 U	-	-	11 U	**6 J**
4-Nitroaniline	5	9.4 U	5 U	48 U	49 U	56 U	9.3 UJ	5 U	64 U	9.4 U	5 U	5 U	53 U	54 U
4-Nitrophenol	-	9.4 U	10 U	48 U	49 U	56 R	9.3 U	10 U	64 U	9.4 U	10 U	10 U	53 R	54 R
Acenaphthene	20	**1.5 J**	-	10 U	10 UJ	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Acenaphthylene	-	4.7 U	-	10 U	10 U	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Acetophenone	-	**0.86 J**	5 U	10 U	10 U	11 U	4.7 UJ	5 U	13 U	4.7 U	5 U	5 U	11 U	**21**
Anthracene	50	4.7 U	-	10 U	10 U	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Atrazine	7.5	4.7 UJ	10 U	10 U	10 U	11 U	4.7 UJ	10 U	13 U	4.7 U	10 U	10 U	11 U	11 U
Benzaldehyde	-	4.7 UJ	5 U	10 U	10 U	11 U	4.7 UJ	5 U	13 U	4.7 UJ	5 U	5 U	11 U	11 U
Benzo(a)anthracene	0.002	4.7 U	-	10 U	**0.3 J**	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Benzo(a)pyrene	0	4.7 U	-	10 U	10 U	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Benzo(b)fluoranthene	0.002	4.7 U	-	10 U	**0.2 J**	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Benzo(g,h,i)perylene	-	4.7 U	-	10 U	**0.4 J**	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Benzo(k)fluoranthene	0.002	4.7 U	-	10 U	10 U	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Biphenyl	5	4.7 U	2 U	10 U	10 U	11 U	4.7 UJ	2 U	13 U	4.7 U	2 U	2 U	11 U	**0.2 J**
bis(2-Chloroethoxy)methane	5	4.7 U	5 U	10 U	10 U	11 U	4.7 UJ	5 U	13 U	4.7 U	5 U	5 U	11 U	**3 J**
bis(2-Chloroethyl)ether	1	4.7 U	2 U	10 U	10 U	11 U	4.7 UJ	2 U	13 U	4.7 U	2 U	2 U	11 U	11 U
bis(2-Ethylhexyl)phthalate	5	**3.6 J**	3 U	10 U	10 U	11 U	4.8 UJ	3 U	13 U	5 UJ	3 U	3 U	11 U	11 U
Butyl benzylphthalate (BBP)	50	4.7 U	5 U	10 U	10 U	11 U	4.7 UJ	5 U	13 U	4.7 U	5 U	5 U	11 U	11 U
Caprolactam	-	4.7 U	**50 J**	48 U	49 U	56 U	4.7 UJ	10 U	64 U	4.7 U	10 U	10 U	53 U	54 U
Carbazole	-	4.7 U	2 U	10 U	10 U	11 U	4.7 UJ	2 U	13 U	4.7 U	2 U	2 U	11 U	11 U
Chrysene	0.002	4.7 U	-	10 U	10 U	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Dibenz(a,h)anthracene	-	4.7 U	-	10 U	10 U	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Dibenzofuran	-	9.4 U	2 U	10 U	10 U	11 U	9.3 UJ	2 U	13 U	9.4 U	2 U	2 U	11 U	11 U
Diethyl phthalate	50	4.7 U	5 U	10 U	10 U	11 U	4.7 UJ	5 U	13 U	4.7 U	5 U	5 U	**0.5 J**	**0.6 J**
Dimethyl phthalate	50	4.7 U	5 U	10 U	10 U	11 U	4.7 UJ	5 U	13 U	4.7 U	5 U	5 U	11 U	11 U
Di-n-butylphthalate (DBP)	50	4.7 U	5 U	10 U	10 U	11 U	4.7 UJ	5 U	13 U	4.7 U	5 U	5 U	11 U	11 U
Di-n-octyl phthalate (DnOP)	50	4.7 U	5 U	0.6 U	10 UJ	11 U	4.7 UJ	5 U	0.9 U	4.7 U	5 U	5 U	11 U	11 U
Fluoranthene	50	4.7 U	-	10 U	**0.6 J**	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Fluorene	50	**0.37 J**	-	10 U	10 U	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Hexachlorobenzene	0.04	4.7 U	-	10 U	10 U	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Hexachlorobutadiene	0.5	4.7 U	-	10 U	10 U	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Hexachlorocyclopentadiene	5	4.7 U	20 U	10 UJ	10 U	11 U	4.7 UJ	20 U	13 UJ	4.7 U	20 U	20 U	11 U	11 U
Hexachloroethane	5	4.7 U	-	10 U	10 U	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Indeno(1,2,3-cd)pyrene	0.002	4.7 U	-	10 U	**0.2 J**	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U
Isophorone	50	4.7 U	5 U	10 U	10 U	11 U	4.7 UJ	5 U	13 U	4.7 U	5 U	5 U	11 U	11 U
Naphthalene	10	4.7 UJ	-	10 U	10 U	11 U	4.7 UJ	-	13 U	4.7 UJ	-	-	11 U	**3 J**
Nitrobenzene	0.4	4.7 U	2 U	10 U	10 U	11 U	4.7 UJ	2 U	13 U	4.7 U	2 U	2 U	11 U	11 U
N-Nitrosodi-n-propylamine	-	4.7 U	5 U	10 U	10 UJ	11 U	4.7 UJ	5 U	13 U	4.7 U	5 U	5 U	11 U	11 U
N-Nitrosodiphenylamine	50	4.7 U	2 U	10 U	10 U	11 U	4.7 UJ	2 U	13 U	4.7 U	2 U	2 U	11 U	11 U
Pentachlorophenol	1	9.4 U	-	48 U	49 U	56 UJ	9.3 U	-	64 U	9.4 U	-	-	53 UJ	54 UJ
Phenanthrene	50	4.7 U	-	10 U	10 U	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	**0.3 J**
Phenol	1	4.7 U	5 U	10 U	10 UJ	11 U	4.7 U	5 U	13 U	4.7 U	5 U	**3.1 J**	11 U	**60**
Pyrene	50	4.7 U	-	10 U	**0.7 J**	11 U	4.7 UJ	-	13 U	4.7 U	-	-	11 U	11 U

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-5	MW-5	MW-6	MW-6	MW-6	MW-6	MW-6	MW-7	MW-7	MW-7	MW-7	MW-8	MW-9
Sample Date		06/30/2015	10/02/2024	12/28/2006	10/12/2007	09/24/2008	07/01/2015	07/15/2021	12/28/2006	07/01/2015	07/13/2021	09/30/2024	09/24/2008	09/24/2008
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Semi-Volatile Organic Compounds (SIM) (ug/L)														
1,4-Dioxane	0.35	-	-	-	-	-	-	-	-	-	0.15 U	-	-	-
2-Chloronaphthalene	10	-	0.2 U	-	-	-	-	0.2 U	-	-	0.2 U	0.2 U	-	-
2-Methylnaphthalene	-	-	**0.03 J**	-	-	-	-	0.1 U	-	-	0.1 U	0.1 U	-	-
Acenaphthene	20	-	**0.29**	-	-	-	-	**0.14**	-	-	0.1 U	0.1 U	-	-
Acenaphthylene	-	-	0.1 U	-	-	-	-	**0.05 J**	-	-	0.1 U	0.1 U	-	-
Anthracene	50	-	**0.04 J**	-	-	-	-	**0.02 J**	-	-	**0.04 J**	0.1 U	-	-
Benzo(a)anthracene	0.002	-	**0.24 J**	-	-	-	-	**0.05 J**	-	-	0.1 U	0.1 U	-	-
Benzo(a)pyrene	0	-	**0.28 J**	-	-	-	-	**0.04 J**	-	-	0.1 U	0.1 U	-	-
Benzo(b)fluoranthene	0.002	-	**0.35 J**	-	-	-	-	**0.11**	-	-	0.1 U	0.1 U	-	-
Benzo(g,h,i)perylene	-	-	**0.24 J**	-	-	-	-	**0.1**	-	-	0.1 U	0.1 U	-	-
Benzo(k)fluoranthene	0.002	-	**0.12**	-	-	-	-	**0.03 J**	-	-	0.1 U	0.1 U	-	-
Chrysene	0.002	-	**0.22 J**	-	-	-	-	**0.06 J**	-	-	0.1 U	0.1 U	-	-
Dibenz(a,h)anthracene	-	-	**0.05 J**	-	-	-	-	0.1 U	-	-	0.1 U	0.1 U	-	-
Fluoranthene	50	-	**0.4 J**	-	-	-	-	**0.11**	-	-	0.1 U	0.1 U	-	-
Fluorene	50	-	0.1 U	-	-	-	-	0.1 U	-	-	0.1 U	0.1 U	-	-
Hexachlorobenzene	0.04	-	0.8 U	-	-	-	-	0.8 U	-	-	0.8 U	0.8 U	-	-
Hexachlorobutadiene	0.5	-	0.5 U	-	-	-	-	0.5 U	-	-	0.5 U	0.5 U	-	-
Hexachloroethane	5	-	0.8 U	-	-	-	-	0.8 U	-	-	0.8 U	0.8 U	-	-
Indeno(1,2,3-cd)pyrene	0.002	-	**0.21 J**	-	-	-	-	**0.09 J**	-	-	0.1 U	0.1 U	-	-
Naphthalene	10	-	**0.12**	-	-	-	-	0.1 U	-	-	0.1 U	0.1 U	-	-
Pentachlorophenol	1	-	0.8 U	-	-	-	-	0.8 U	-	-	0.8 U	0.8 U	-	-
Phenanthrene	50	-	**0.12**	-	-	-	-	**0.05 J**	-	-	0.1 U	0.1 U	-	-
Pyrene	50	-	**0.42 J**	-	-	-	-	**0.13**	-	-	0.1 U	0.1 U	-	-
Total Petroleum Hydrocarbons (ug/L)														
Diesel Range Organics	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kerosene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Motor Oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHC as #2 Fuel Oils C10-C23 #2 Diesel, #2 Fuel Oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHC as Gasoline	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbon - Diesel (#4 Fuel Oil)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons - Fuel Oil #6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/l)														
1,1,1-Trichloroethane	5	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5	5 U	0.5 U	5 U	5 U	5 U	1 U	0.5 U	5 U	1 U	0.5 U	0.5 U	5 U	5 U
1,1,2-Trichloroethane	1	5 U	1.5 U	5 U	5 U	5 U	1 U	1.5 U	5 U	1 U	1.5 U	1.5 U	5 U	5 U
1,1-Dichloroethane	5	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	5 U
1,1-Dichloroethene	5	5 U	0.5 U	5 U	5 U	5 U	1 U	0.5 U	5 U	1 U	0.5 U	0.5 U	5 U	5 U
1,2,3-Trichlorobenzene	5	-	2.5 U	-	-	-	-	2.5 U	-	-	2.5 U	2.5 U	-	-
1,2,4-Trichlorobenzene	5	5 U	2.5 U	5 U	5 UJ	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	5 U
1,2,4-Trimethylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	0.04	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	5 U	2 U	5 U	5 U	5 U	1 U	2 U	5 U	1 U	2 U	2 U	5 U	5 U
1,2-Dichlorobenzene	3	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	5 U

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-5	MW-5	MW-6	MW-6	MW-6	MW-6	MW-6	MW-7	MW-7	MW-7	MW-7	MW-8	MW-9
Sample Date		06/30/2015	10/02/2024	12/28/2006	10/12/2007	09/24/2008	07/01/2015	07/15/2021	12/28/2006	07/01/2015	07/13/2021	09/30/2024	09/24/2008	09/24/2008
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,2-Dichloroethane	0.6	5 U	0.5 U	5 U	5 U	5 U	1 U	0.5 U	5 U	1 U	0.5 U	0.5 U	5 U	**2.9 J**
1,2-Dichloropropane	1	5 U	1 U	5 U	5 U	5 U	1 U	1 U	5 U	1 U	1 U	1 U	5 U	5 U
1,3,5-Trimethylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	3	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	5 U
1,4-Dichlorobenzene	3	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	5 U
1,4-Dioxane	0.35	-	250 U	-	-	-	-	250 U	-	-	250 U	250 U	-	-
2-Butanone (Methyl Ethyl Ketone)	50	50 U	5 U	10 U	10 U	10 U	10 U	5 U	10 U	10 U	5 U	5 U	10 U	**12**
2-Hexanone (Methyl Butyl Ketone)	50	25 U	5 U	10 U	10 U	10 U	5 U	5 U	10 U	5 U	5 U	5 U	10 U	10 U
2-Phenylbutane (sec-Butylbenzene)	5	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	25 U	5 U	10 U	10 U	10 U	5 U	5 U	10 U	5 U	5 U	5 U	10 U	10 U
Acetone	50	50 U	5 U	20 U	20 U	20 U	10 U	5 U	20 U	10 U	5 U	5 U	20 U	**24**
Benzene	1	5 U	0.5 U	5 U	**1 J**	5 U	1 U	**0.37 J**	5 U	1 U	0.5 U	0.5 U	**0.53 J**	**1400**
Bromodichloromethane	50	5 U	0.5 U	5 U	5 U	5 U	1 U	0.5 U	5 U	1 U	0.5 U	0.5 U	5 U	5 U
Bromoform	50	5 UJ	2 U	5 U	5 U	5 U	1 U	2 U	5 U	1 U	2 U	2 U	5 U	5 U
Bromomethane (Methyl Bromide)	5	5 U	2.5 UJ	5 U	5 UJ	5 UJ	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 UJ	5 UJ
Carbon disulfide	60	5 U	5 U	10 U	10 U	10 U	1 U	5 U	10 U	1 U	5 U	5 U	10 U	10 U
Carbon tetrachloride	5	5 U	0.5 U	5 U	5 U	5 U	1 U	0.5 U	5 U	1 U	0.5 U	0.5 U	5 U	5 U
Chlorobenzene	5	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	5 U
Chlorobromomethane	5	-	2.5 U	-	-	-	-	2.5 U	-	-	2.5 U	2.5 U	-	-
Chloroethane	5	5 U	2.5 UJ	5 U	5 UJ	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	5 U
Chloroform (Trichloromethane)	7	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	5 U
Chloromethane (Methyl Chloride)	5	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	5 U
cis-1,2-Dichloroethene	5	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	**13**	5 U
cis-1,3-Dichloropropene	0.4	5 U	0.5 U	5 U	5 U	5 U	1 U	0.5 U	5 U	1 U	0.5 U	0.5 U	5 U	5 U
Cyclohexane	-	5 U	10 U	5 U	5 U	5 U	1 U	10 U	5 U	1 U	10 U	10 U	5 U	**210**
Cymene (p-Isopropyltoluene)	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	50	5 UJ	0.5 U	5 U	5 U	5 U	1 U	0.5 U	5 U	1 U	0.5 U	0.5 U	5 U	5 U
Dichlorodifluoromethane (CFC-12)	5	5 U	5 U	5 U	5 U	5 U	1 U	5 U	5 U	1 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	**260**
Isopropylbenzene (Cumene)	5	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	**23**
m,p-Xylenes	5	-	2.5 U	-	-	-	-	2.5 U	-	-	2.5 U	2.5 U	-	-
Methyl acetate	-	13 U	2 U	10 UJ	10 U	10 U	2.5 U	2 U	10 UJ	2.5 U	2 U	2 U	10 U	10 U
Methyl Tert Butyl Ether (MTBE)	10	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	**130 J**
Methylcyclohexane	-	5 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	1 U	10 U	10 U	10 U	**130 J**
Methylene chloride (Dichloromethane)	5	5 U	2.5 U	5 UJ	5 UJ	5 UJ	1 U	2.5 U	5 UJ	1 U	2.5 U	2.5 U	5 UJ	5 UJ
Naphthalene	10	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	5	-	2.5 U	-	-	-	-	2.5 U	-	-	2.5 U	2.5 U	-	-
Styrene	5	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	5 U
tert-Butylbenzene	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	5	5 U	0.5 U	5 U	5 U	5 U	1 U	0.5 U	5 U	1 U	0.5 U	0.5 U	5 U	5 U
Toluene	5	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	**180**
trans-1,2-Dichloroethene	5	5 U	2.5 U	5 U	**1.8 J**	**0.94 J**	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	**3.3 J**	5 U
trans-1,3-Dichloropropene	0.4	5 U	0.5 U	5 U	5 U	5 U	1 U	0.5 U	5 U	1 U	0.5 U	0.5 U	5 U	5 U
Trichloroethene	5	5 U	0.5 U	**2.4 J**	**1.1 J**	**1.6 J**	**0.72 J**	**0.2 J**	5 U	1 U	0.5 U	0.5 U	5 U	5 U
Trichlorofluoromethane (CFC-11)	5	5 U	2.5 UJ	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	5 U
Trifluorotrichloroethane (Freon 113)	5	5 U	2.5 U	5 U	5 U	5 U	1 U	2.5 U	5 U	1 U	2.5 U	2.5 U	5 U	5 U
Vinyl chloride	2	5 U	1 U	5 U	5 U	5 U	1 U	1 U	5 U	1 U	1 U	1 U	**3.2 J**	5 U

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-5	MW-5	MW-6	MW-6	MW-6	MW-6	MW-6	MW-7	MW-7	MW-7	MW-7	MW-8	MW-9
Sample Date		06/30/2015	10/02/2024	12/28/2006	10/12/2007	09/24/2008	07/01/2015	07/15/2021	12/28/2006	07/01/2015	07/13/2021	09/30/2024	09/24/2008	09/24/2008
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Xylene (Total)	5	10 U	-	15 U	15 U	15 U	2 U	-	15 U	2 U	-	-	15 U	**1500**

Notes:

*1. Results in **bold** are detected.*

2. <: Not detected above the indicated reporting limit.

B: Blank contamination

J: Estimated result

J+: Estimated result, biased high

JF: Estimated result, maximum

R: Rejected during validation, data are not usable

U: Not detected, number is the laboratory reporting limit

UJ: Not detected, reporting limit is estimated

3. Results shaded blue are detected above New York Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) Ambient Water Quality Standards and Guidance Values, Class GA

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-10	MW-10	MW-10
Sample Date		10/08/2009	10/09/2009	10/12/2009	10/14/2009	10/02/2018	07/15/2021	10/02/2024	10/08/2009	07/13/2021	10/01/2024
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Dissolved Metals (ug/L)											
Aluminum, Dissolved	-	-	-	-	-	-	2 U	**10.1**	-	**3**	**14.4**
Antimony, Dissolved	3	-	-	-	-	-	0.6 U	4 U	-	0.6 U	4 U
Arsenic, Dissolved	25	-	-	-	-	-	**10.4**	**15.6**	-	2.1 U	**1.76**
Barium, Dissolved	1000	-	-	-	-	-	**104**	**171.9**	-	**105**	**504.1**
Beryllium, Dissolved	3	-	-	-	-	-	2.1 U	0.5 U	-	2.1 U	0.5 U
Cadmium, Dissolved	5	-	-	-	-	-	0.4 U	0.2 U	-	0.4 U	0.2 U
Calcium, Dissolved	-	-	-	-	-	-	**39200**	**53300**	-	**53900**	**197000**
Chromium, Dissolved	50	-	-	-	-	-	**8.5**	**0.49 J**	-	**4.3**	**0.36 J**
Cobalt, Dissolved	-	-	-	-	-	-	2.1 U	0.5 U	-	2.1 U	0.5 U
Copper, Dissolved	200	-	-	-	-	-	11 U	1 U	-	11 U	1 U
Iron, Dissolved	300	-	-	-	-	-	**1520**	**458**	-	**524**	**952**
Lead, Dissolved	25	-	-	-	-	-	**3.4**	**2.23**	-	2.1 U	1 U
Magnesium, Dissolved	35000	-	-	-	-	-	**17800**	**40200**	-	**5460**	**24800**
Manganese, Dissolved	300	-	-	-	-	-	**48.8**	**32.56**	-	**193**	**429.9**
Mercury, Dissolved	0.7	-	-	-	-	-	0.2 U	0.2 U	-	0.2 U	0.2 U
Nickel, Dissolved	100	-	-	-	-	-	**3**	**1.97 J**	-	**2.8**	**0.6 J**
Potassium, Dissolved	-	-	-	-	-	-	**19500**	**25100**	-	**5510**	**11100**
Selenium, Dissolved	10	-	-	-	-	-	4 U	5 U	-	4 U	5 U
Silver, Dissolved	50	-	-	-	-	-	0.4 U	0.4 U	-	0.4 U	0.4 U
Sodium, Dissolved	20000	-	-	-	-	-	**174000**	**201000**	-	**107000**	**239000**
Thallium, Dissolved	0.5	-	-	-	-	-	0.6 U	1 U	-	0.6 U	1 U
Vanadium, Dissolved	-	-	-	-	-	-	**3.1**	5 U	-	2.1 U	5 U
Zinc, Dissolved	2000	-	-	-	-	-	9 U	10 U	-	9 U	**3.65 J**
Total Metals (ug/L)											
Aluminum, Total	-	-	-	-	-	-	40 U	**79.2**	-	40 U	**4130**
Antimony, Total	3	-	-	-	-	-	1.2 U	**0.45 J**	-	1.2 U	**0.59 J**
Arsenic, Total	25	-	-	-	-	-	**7.1**	**16.72**	-	1.6 U	**3.27**
Barium, Total	1000	-	-	-	-	-	**94**	**171**	-	**13**	**586.2**
Beryllium, Total	3	-	-	-	-	-	1.6 U	0.5 U	-	1.6 U	**0.24 J**
Cadmium, Total	5	-	-	-	-	-	0.4 U	0.2 U	-	0.4 U	**0.11 J**
Calcium, Total	-	-	-	-	-	-	**39600**	**56200**	-	**58800**	**234000**
Chromium, Total	50	-	-	-	-	-	**4**	**1.52 J+**	-	**4**	**14.14**
Cobalt, Total	-	-	-	-	-	-	2 U	**0.47 J**	-	2 U	**3.07**
Copper, Total	200	-	-	-	-	-	**1.3**	1.9 U	-	1 U	**18.66 J+**
Iron, Total	300	-	-	-	-	-	**1560**	**1270**	-	**1040**	**9080**
Lead, Total	25	-	-	-	-	-	**8.9**	**23.14**	-	0.2 U	**23.11**
Magnesium, Total	35000	-	-	-	-	-	**20800**	**40800**	-	**6620**	**36500**
Manganese, Total	300	-	-	-	-	-	**65.7**	**39.78**	-	**127**	**722.2**
Mercury, Total	0.7	-	-	-	-	-	0.2 U	0.2 U	-	0.2 U	**0.1 J**
Nickel, Total	100	-	-	-	-	-	**3 ***	**3.96**	-	**5.4**	**8.14**
Potassium, Total	-	-	-	-	-	-	**20100**	**25700**	-	**5850**	**11600**
Selenium, Total	10	-	-	-	-	-	4 U	5 U	-	4 U	**4.53 J**
Silver, Total	50	-	-	-	-	-	0.4 U	0.4 U	-	0.4 U	0.4 U
Sodium, Total	20000	-	-	-	-	-	**185000**	**204000**	-	**109000**	**244000**
Thallium, Total	0.5	-	-	-	-	-	0.2 U	1 U	-	0.2 U	1 U
Vanadium, Total	-	-	-	-	-	-	**3.2**	5 U	-	2 U	**9.79**
Zinc, Total	2000	-	-	-	-	-	**5**	**48.81**	-	**2**	**38.23**

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-10	MW-10	MW-10
Sample Date		10/08/2009	10/09/2009	10/12/2009	10/14/2009	10/02/2018	07/15/2021	10/02/2024	10/08/2009	07/13/2021	10/01/2024
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Other (ug/L)											
Cyanide, Total (ug/l)	200	-	-	-	-	-	-	5 U	-	-	5 U
PFAS (ug/L)											
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	-	-	-	-	-	-	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic acid (PFBS)	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic acid (PFBA)	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic acid (PFDS)	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic acid (PFDA)	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic acid (PFDoDA)	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic acid (PFHpS)	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic acid (PFHpA)	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic acid (PFHxA)	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic acid (PFNA)	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctane sulfonamide (PFOSA)	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic acid (PFOS)	0.0027	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic acid (PFOA)	0.0067	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic acid (PFPeA)	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic acid (PFTeDA)	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic acid (PFTrDA)	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic acid (PFUnDA)	-	-	-	-	-	-	-	-	-	-	-
US EPA PFAS (PFOS + PFOA)	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds (ug/L)											
1,2,4,5-Tetrachlorobenzene	5	-	-	-	-	-	10 U	10 U	-	10 U	10 U
2,2'-oxybis(1-Chloropropane)	5	-	-	-	-	-	2 U	2 U	-	2 U	2 U
2,2'-oxybis(2-Chloropropane)	-	-	-	-	3.8 U	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	-	-	-	-	-	-	5 U	5 U	-	5 U	5 U
2,4,5-Trichlorophenol	-	-	-	-	0.93 U	-	5 U	5 U	-	5 U	5 U
2,4,6-Trichlorophenol	-	-	-	-	0.94 U	-	5 U	5 U	-	5 U	5 U
2,4-Dichlorophenol	5	-	-	-	0.74 U	-	5 U	5 U	-	5 U	5 U
2,4-Dimethylphenol	50	-	-	-	0.91 U	-	5 U	5 U	-	5 U	5 U
2,4-Dinitrophenol	10	-	-	-	2.1 U	-	20 U	20 U	-	20 U	20 U
2,4-Dinitrotoluene	5	-	-	-	0.42 U	-	5 U	5 U	-	5 U	5 U
2,6-Dinitrotoluene	5	-	-	-	0.48 U	-	5 U	5 U	-	5 U	5 U
2-Chloronaphthalene	10	-	-	-	0.079 U	-	-	-	-	-	-
2-Chlorophenol	-	-	-	-	0.48 U	-	2 U	2 U	-	2 U	2 U
2-Methylnaphthalene	-	-	-	-	**45**	-	-	-	0.095 U	-	-
2-Methylphenol (o-Cresol)	-	-	-	-	0.22 U	-	**0.53 J**	5 U	-	5 U	5 U
2-Nitroaniline	5	-	-	-	0.47 U	-	5 U	5 U	-	5 U	5 U
2-Nitrophenol	-	-	-	-	0.57 U	-	10 U	10 U	-	10 U	10 U
3&4-Methylphenol	-	-	-	-	-	-	**0.9 J**	5 U	-	5 U	5 U
3,3'-Dichlorobenzidine	5	-	-	-	0.35 R	-	5 U	5 U	-	5 U	5 U
3-Nitroaniline	5	-	-	-	1.5 U	-	5 U	5 U	-	5 U	5 U

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-10	MW-10	MW-10
Sample Date		10/08/2009	10/09/2009	10/12/2009	10/14/2009	10/02/2018	07/15/2021	10/02/2024	10/08/2009	07/13/2021	10/01/2024
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
4,6-Dinitro-2-methylphenol	-	-	-	-	2.1 U	-	10 U	10 U	-	10 U	10 U
4-Bromophenyl phenyl ether (BDE-3)	-	-	-	-	0.85 U	-	2 U	2 U	-	2 U	2 U
4-Chloro-3-methylphenol	-	-	-	-	0.56 U	-	2 U	2 U	-	2 U	2 U
4-Chloroaniline	5	-	-	-	0.31 U	-	5 U	5 U	-	5 U	5 U
4-Chlorophenyl phenyl ether	-	-	-	-	0.16 U	-	2 U	2 U	-	2 U	2 U
4-Methylphenol	-	-	-	-	**6.1 J**	-	-	-	-	-	-
4-Nitroaniline	5	-	-	-	0.43 R	-	5 U	5 U	-	5 U	5 U
4-Nitrophenol	-	-	-	-	1.4 U	-	10 U	10 U	-	10 U	10 U
Acenaphthene	20	-	-	-	0.11 U	-	-	-	**2.9**	-	-
Acenaphthylene	-	-	-	-	0.044 U	-	-	-	0.047 U	-	-
Acetophenone	-	-	-	-	0.96 U	-	5 U	5 U	-	5 U	5 U
Anthracene	50	-	-	-	0.053 U	-	-	-	0.06 U	-	-
Atrazine	7.5	-	-	-	1 U	-	10 U	10 U	-	10 U	10 U
Benzaldehyde	-	-	-	-	0.25 U	-	5 U	5 U	-	5 U	5 U
Benzo(a)anthracene	0.002	-	-	-	0.06 U	-	-	-	0.085 U	-	-
Benzo(a)pyrene	0	-	-	-	0.086 U	-	-	-	0.053 U	-	-
Benzo(b)fluoranthene	0.002	-	-	-	0.059 U	-	-	-	0.14 U	-	-
Benzo(g,h,i)perylene	-	-	-	-	0.074 U	-	-	-	0.067 U	-	-
Benzo(k)fluoranthene	0.002	-	-	-	0.062 U	-	-	-	0.099 U	-	-
Biphenyl	5	-	-	-	0.62 U	-	**0.59 J**	**0.53 J**	-	2 U	2 U
bis(2-Chloroethoxy)methane	5	-	-	-	0.35 U	-	5 U	5 U	-	5 U	5 U
bis(2-Chloroethyl)ether	1	-	-	-	0.17 U	-	2 U	2 U	-	2 U	2 U
bis(2-Ethylhexyl)phthalate	5	-	-	-	4.5 U	-	3 U	**2.3 J**	-	3 U	**2.3 J**
Butyl benzylphthalate (BBP)	50	-	-	-	1.6 U	-	5 U	5 U	-	5 U	5 U
Caprolactam	-	-	-	-	4.3 U	-	10 U	10 U	-	10 U	**53**
Carbazole	-	-	-	-	0.084 U	-	2 U	2 U	-	**1.5 J**	2 U
Chrysene	0.002	-	-	-	0.26 U	-	-	-	0.08 U	-	-
Dibenz(a,h)anthracene	-	-	-	-	0.19 U	-	-	-	0.062 U	-	-
Dibenzofuran	-	-	-	-	1.5 U	-	2 U	2 U	-	**2.9**	**2.4**
Diethyl phthalate	50	-	-	-	0.1 U	-	5 U	5 U	-	5 U	5 U
Dimethyl phthalate	50	-	-	-	0.28 U	-	5 U	5 U	-	5 U	5 U
Di-n-butylphthalate (DBP)	50	-	-	-	**0.51 J**	-	5 U	5 U	-	5 U	5 U
Di-n-octyl phthalate (DnOP)	50	-	-	-	0.23 U	-	5 U	5 U	-	5 U	5 U
Fluoranthene	50	-	-	-	0.092 U	-	-	-	0.058 U	-	-
Fluorene	50	-	-	-	0.07 U	-	-	-	0.057 U	-	-
Hexachlorobenzene	0.04	-	-	-	0.42 U	-	-	-	-	-	-
Hexachlorobutadiene	0.5	-	-	-	2.4 U	-	-	-	-	-	-
Hexachlorocyclopentadiene	5	-	-	-	2.4 U	-	20 U	20 U	-	20 U	20 U
Hexachloroethane	5	-	-	-	2.7 U	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	0.002	-	-	-	0.14 U	-	-	-	0.062 U	-	-
Isophorone	50	-	-	-	0.3 U	-	5 U	5 U	-	5 U	5 U
Naphthalene	10	-	-	-	**150**	-	-	-	0.053 U	-	-
Nitrobenzene	0.4	-	-	-	0.51 U	-	2 U	2 U	-	2 U	2 U
N-Nitrosodi-n-propylamine	-	-	-	-	0.43 U	-	5 U	5 U	-	5 U	5 U
N-Nitrosodiphenylamine	50	-	-	-	0.25 U	-	2 U	2 U	-	2 U	2 U
Pentachlorophenol	1	-	-	-	4.8 U	-	-	-	-	-	-
Phenanthrene	50	-	-	-	0.11 U	-	-	-	0.081 U	-	-
Phenol	1	-	-	-	**32**	-	**2.8 J**	**13**	-	5 U	5 U
Pyrene	50	-	-	-	0.064 U	-	-	-	0.056 U	-	-

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-10	MW-10	MW-10
Sample Date		10/08/2009	10/09/2009	10/12/2009	10/14/2009	10/02/2018	07/15/2021	10/02/2024	10/08/2009	07/13/2021	10/01/2024
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Semi-Volatile Organic Compounds (SIM) (ug/L)											
1,4-Dioxane	0.35	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	10	-	-	-	-	-	1 U	0.2 U	-	0.2 U	0.2 U
2-Methylnaphthalene	-	-	-	-	-	-	**81**	**58**	-	**0.08 J**	0.1 U
Acenaphthene	20	-	-	-	-	-	**0.18 J**	**0.63**	-	**7.1**	**7.3**
Acenaphthylene	-	-	-	-	-	-	**0.07 J**	**0.25**	-	**0.71**	**0.9**
Anthracene	50	-	-	-	-	-	0.5 U	**0.23**	-	**0.75**	0.1 U
Benzo(a)anthracene	0.002	-	-	-	-	-	0.5 U	**0.26**	-	**0.05 J**	0.1 U
Benzo(a)pyrene	0	-	-	-	-	-	0.5 U	**0.27**	-	**0.02 J**	**0.14**
Benzo(b)fluoranthene	0.002	-	-	-	-	-	0.5 U	**0.42**	-	**0.02 J**	**0.12**
Benzo(g,h,i)perylene	-	-	-	-	-	-	0.5 U	**0.31**	-	0.1 U	**0.09 J**
Benzo(k)fluoranthene	0.002	-	-	-	-	-	0.5 U	**0.18**	-	0.1 U	0.1 U
Chrysene	0.002	-	-	-	-	-	0.5 U	**0.25**	-	**0.05 J**	0.1 U
Dibenz(a,h)anthracene	-	-	-	-	-	-	0.5 U	**0.12**	-	0.1 U	0.1 U
Fluoranthene	50	-	-	-	-	-	0.5 U	**0.4**	-	**0.09 J**	**0.42**
Fluorene	50	-	-	-	-	-	**0.23 J**	**0.63**	-	**5.7**	**6.5**
Hexachlorobenzene	0.04	-	-	-	-	-	4 U	0.8 U	-	0.8 U	0.8 U
Hexachlorobutadiene	0.5	-	-	-	-	-	2.5 U	**0.14 J**	-	0.5 U	0.5 U
Hexachloroethane	5	-	-	-	-	-	4 U	0.8 U	-	0.8 U	0.8 U
Indeno(1,2,3-cd)pyrene	0.002	-	-	-	-	-	0.5 U	**0.26**	-	0.1 U	0.1 U
Naphthalene	10	-	-	-	-	-	**190**	**90**	-	**0.81**	**0.81**
Pentachlorophenol	1	-	-	-	-	-	4 U	**0.42 J**	-	**8**	**10**
Phenanthrene	50	-	-	-	-	-	**0.21 J**	**0.77**	-	**0.76**	0.1 U
Pyrene	50	-	-	-	-	-	0.5 U	**0.45**	-	**0.36**	**1.1**
Total Petroleum Hydrocarbons (ug/L)											
Diesel Range Organics	-	-	-	**2900**	-	-	-	-	**2200**	-	-
Fuel oil	-	-	1100 U	-	-	-	-	-	**2200**	-	-
Kerosene	-	-	190 U	-	-	-	-	-	160 U	-	-
Motor Oil	-	-	130 U	-	-	-	-	-	110 U	-	-
PHC as #2 Fuel Oils C10-C23 #2 Diesel, #2 Fuel Oil	-	-	46 U	-	-	-	-	-	40 U	-	-
PHC as Gasoline	-	**24000**	-	-	-	-	-	-	**19 J**	-	-
Total Petroleum Hydrocarbon - Diesel (#4 Fuel Oil)	-	-	130 U	-	-	-	-	-	110 U	-	-
Total Petroleum Hydrocarbons (C6-C10) GRO	-	-	**8600**	-	-	-	-	-	24 U	-	-
Total Petroleum Hydrocarbons - Fuel Oil #6	-	-	110 U	-	-	-	-	-	**6800**	-	-
Volatile Organic Compounds (ug/l)											
1,1,1-Trichloroethane	5	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	-	-	-	-	20 U	2.5 U	2 U	-	0.5 U	0.5 U
1,1,2-Trichloroethane	1	-	-	-	-	20 U	7.5 U	6 U	-	1.5 U	1.5 U
1,1-Dichloroethane	5	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
1,1-Dichloroethene	5	-	-	-	-	20 U	2.5 U	2 U	-	0.5 U	0.5 U
1,2,3-Trichlorobenzene	5	-	-	-	-	-	12 U	10 U	-	2.5 U	2.5 U
1,2,4-Trichlorobenzene	5	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	**1500**	-	-	-	**1500 B**	-	-	**0.53 J**	-	-
1,2-Dibromo-3-chloropropane (DBCP)	0.04	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	-	-	-	-	20 U	10 U	8 U	-	2 U	2 U
1,2-Dichlorobenzene	3	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-10	MW-10	MW-10
Sample Date		10/08/2009	10/09/2009	10/12/2009	10/14/2009	10/02/2018	07/15/2021	10/02/2024	10/08/2009	07/13/2021	10/01/2024
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,2-Dichloroethane	0.6	-	-	-	-	20 U	2.5 U	2 U	-	0.5 U	0.5 U
1,2-Dichloropropane	1	-	-	-	-	20 U	5 U	4 U	-	1 U	1 U
1,3,5-Trimethylbenzene	5	**420**	-	-	-	**390 B**	-	-	0.22 U	-	-
1,3-Dichlorobenzene	3	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
1,4-Dichlorobenzene	3	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
1,4-Dioxane	0.35	-	-	-	-	-	1200 U	1000 U	-	250 U	250 U
2-Butanone (Methyl Ethyl Ketone)	50	-	-	-	-	200 U	25 U	20 U	-	5 U	5 U
2-Hexanone (Methyl Butyl Ketone)	50	-	-	-	-	100 U	25 U	20 U	-	5 U	5 U
2-Phenylbutane (sec-Butylbenzene)	5	**9.2**	-	-	-	20 U	-	-	0.3 U	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	-	-	100 U	25 U	20 U	-	5 U	5 U
Acetone	50	-	-	-	-	200 U	25 U	20 U	-	5 U	5 U
Benzene	1	**1400**	-	-	-	**880 B**	**380**	**250**	**1.2**	0.5 U	**0.82**
Bromodichloromethane	50	-	-	-	-	20 U	2.5 U	2 U	-	0.5 U	0.5 U
Bromoform	50	-	-	-	-	20 U	10 U	8 U	-	2 U	2 U
Bromomethane (Methyl Bromide)	5	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
Carbon disulfide	60	-	-	-	-	20 U	25 U	20 U	-	5 U	5 U
Carbon tetrachloride	5	-	-	-	-	20 U	2.5 U	2 U	-	0.5 U	0.5 U
Chlorobenzene	5	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
Chlorobromomethane	5	-	-	-	-	-	12 U	10 U	-	2.5 U	2.5 U
Chloroethane	5	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
Chloroform (Trichloromethane)	7	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
Chloromethane (Methyl Chloride)	5	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
cis-1,2-Dichloroethene	5	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
cis-1,3-Dichloropropene	0.4	-	-	-	-	20 U	2.5 U	2 U	-	0.5 U	0.5 U
Cyclohexane	-	-	-	-	-	**250**	**110**	**130**	-	10 U	10 U
Cymene (p-Isopropyltoluene)	5	**6.9**	-	-	-	20 U	-	-	0.31 U	-	-
Dibromochloromethane	50	-	-	-	-	20 U	2.5 U	2 U	-	0.5 U	0.5 U
Dichlorodifluoromethane (CFC-12)	5	-	-	-	-	20 U	25 U	20 U	-	5 U	5 U
Ethylbenzene	5	**840**	-	-	-	**900 B**	**490**	**400**	0.18 U	2.5 U	2.5 U
Isopropylbenzene (Cumene)	5	**62**	-	-	-	**72 B**	**34**	**38**	0.19 U	2.5 U	2.5 U
m,p-Xylenes	5	-	-	-	-	-	**850**	**410**	-	2.5 U	2.5 U
Methyl acetate	-	-	-	-	-	50 U	10 U	8 U	-	2 U	2 U
Methyl Tert Butyl Ether (MTBE)	10	**140**	-	-	-	**62**	**28**	**11**	0.16 U	2.5 U	2.5 U
Methylcyclohexane	-	-	-	-	-	**180**	**97**	**150**	-	10 U	10 U
Methylene chloride (Dichloromethane)	5	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
Naphthalene	10	**620**	-	-	-	**310 B**	-	-	**1**	-	-
n-Butylbenzene	5	0.28 U	-	-	-	**55 B**	-	-	0.28 U	-	-
n-Propylbenzene	5	**160**	-	-	-	**180 B**	-	-	0.18 U	-	-
o-Xylene	5	-	-	-	-	-	**180**	**72**	-	2.5 U	2.5 U
Styrene	5	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
tert-Butylbenzene	5	**0.84 J**	-	-	-	20 U	-	-	0.3 U	-	-
Tetrachloroethene	5	-	-	-	-	20 U	2.5 U	2 U	-	**0.51**	**0.25 J**
Toluene	5	**290**	-	-	-	**230 B**	**94**	**24**	**0.6 J**	2.5 U	2.5 U
trans-1,2-Dichloroethene	5	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
trans-1,3-Dichloropropene	0.4	-	-	-	-	20 U	2.5 U	2 U	-	0.5 U	0.5 U
Trichloroethene	5	-	-	-	-	20 U	2.5 U	2 U	-	**1.2**	**1.4**
Trichlorofluoromethane (CFC-11)	5	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
Trifluorotrichloroethane (Freon 113)	5	-	-	-	-	20 U	12 U	10 U	-	2.5 U	2.5 U
Vinyl chloride	2	-	-	-	-	20 U	5 U	4 U	-	1 U	1 U

TABLE II
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (2006 TO 2024)
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Sample Date Sample Type	New York TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA	MW-9 10/08/2009 Primary	MW-9 10/09/2009 Primary	MW-9 10/12/2009 Primary	MW-9 10/14/2009 Primary	MW-9 10/02/2018 Primary	MW-9 07/15/2021 Primary	MW-9 10/02/2024 Primary	MW-10 10/08/2009 Primary	MW-10 07/13/2021 Primary	MW-10 10/01/2024 Primary
Xylene (Total)	5	**2800**	-	-	-	**1800 B**	-	-	0.66 U	-	-

Notes:

1. Results in ***bold*** *are detected.*

2. <: Not detected above the indicated reporting limit.

B: Blank contamination

J: Estimated result

J+: Estimated result, biased high

JF: Estimated result, maximum

R: Rejected during validation, data are not usable

U: Not detected, number is the laboratory reporting limit

UJ: Not detected, reporting limit is estimated

3. Results shaded blue are detected above New York Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) Ambient Water Quality Standards and Guidance Values, Class GA

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name		TB-DOC1	TB-DOC2	TB-DOC3	TB-DOC4	TB-DOC5	TB-DOC6	TB-DOC7	TB-DOC8	TB-DOC9	TB-DOC10	TB-DOC11
Sample Name		TB-DOC1-060424-0900	TB-DOC2-060424-1000	TB-DOC3-060424-1100	TB-DOC4-060424-1120	TB-DOC5-060424-1240	TB-DOC6-060424-1250	TB-DOC7-060424-1320	TB-DOC8-060524-0800	TB-DOC9-060524-0820	TB-DOC10-060524-0850	TB-DOC11-060524-0900
Sample Date		06/04/2024	06/04/2024	06/04/2024	06/04/2024	06/04/2024	06/04/2024	06/04/2024	06/05/2024	06/05/2024	06/05/2024	06/05/2024
Sample Type	6 NYCRR Part 375 Commercial Soil Cleanup Objective	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Lab Sample ID		L2430944-01 INTERIM	L2430944-02	L2430944-03	L2430944-04	L2430944-05	L2430944-06	L2430944-07	L2431345-01 L2434288-01	L2431345-02 L2434288-02	L2431345-03 L2434288-03	L2431345-04 L2434288-04
Volatile Organic Compounds (mg/kg)												
1,1,1-Trichloroethane	500	0.21 U	0.046 U	0.00065 U	0.00044 U	0.00076 U	0.00058 U	**0.0022**	0.00075 U	0.00058 U	**0.084**	0.00065 U
1,1,2,2-Tetrachloroethane	NA	0.21 U	0.046 U	0.00065 U	0.00044 U	0.00076 U	0.00058 U	0.00046 U	0.00075 U	0.00058 U	0.044 U	0.00065 U
1,1,2-Trichloroethane	NA	0.43 U	0.091 U	0.0013 U	0.00088 U	0.0015 U	0.0012 U	0.00093 U	0.0015 U	0.0012 U	0.088 U	0.0013 U
1,1-Dichloroethane	240	0.43 U	0.091 U	0.0013 U	0.00088 U	0.0015 U	0.0012 U	0.00093 U	0.0015 U	0.0012 U	0.088 U	0.0013 U
1,1-Dichloroethene	500	0.43 U	0.091 U	0.0013 U	0.00088 U	0.0015 U	0.0012 U	0.00093 U	0.0015 U	0.0012 U	0.088 U	0.0013 U
1,2,3-Trichlorobenzene	NA	0.86 U	0.18 U	0.0026 U	0.0018 U	0.003 U	0.0023 U	0.0018 U	0.003 U	0.0023 U	0.18 U	0.0026 U
1,2,4-Trichlorobenzene	NA	0.86 U	0.18 U	0.0026 U	0.0018 U	0.003 U	0.0023 U	0.0018 U	0.003 U	0.0023 U	0.18 U	0.0026 U
1,2-Dibromo-3-chloropropane (DBCP)	NA	1.3 U	0.27 U	0.0039 U	0.0026 U	0.0046 U	0.0035 U	0.0028 U	0.0045 U	0.0035 U	0.26 U	0.0039 U
1,2-Dibromoethane (Ethylene Dibromide)	NA	0.43 U	0.091 U	0.0013 U	0.00088 U	0.0015 U	0.0012 U	0.00093 U	0.0015 U	0.0012 U	0.088 U	0.0013 U
1,2-Dichlorobenzene	500	0.86 U	0.18 U	0.0026 U	0.0018 U	0.003 U	0.0023 U	0.0018 U	0.003 U	0.0023 U	0.18 U	0.0026 U
1,2-Dichloroethane	30	0.43 U	0.091 U	0.0013 U	0.00088 U	0.0015 U	0.0012 U	0.00093 U	0.0015 U	0.0012 U	0.088 U	0.0013 U
1,2-Dichloropropane	NA	0.43 U	0.091 U	0.0013 U	0.00088 U	0.0015 U	0.0012 U	0.00093 U	0.0015 U	0.0012 U	0.088 U	0.0013 U
1,3-Dichlorobenzene	280	0.86 U	0.18 U	0.0026 U	0.0018 U	0.003 U	0.0023 U	0.0018 U	0.003 U	0.0023 U	0.18 U	0.0026 U
1,4-Dichlorobenzene	130	0.86 U	0.18 U	0.0026 U	0.0018 U	0.003 U	0.0023 U	0.0018 U	0.003 U	0.0023 U	0.18 U	0.0026 U
1,4-Dioxane	130	34 U	7.3 U	0.1 U	0.07 U	0.12 U	0.093 U	0.074 U	0.12 U	0.093 U	7 U	0.1 U
2-Butanone (Methyl Ethyl Ketone)	500	4.3 U	0.91 U	0.013 U	0.0088 U	0.015 U	0.012 U	0.0093 U	0.015 U	0.012 U	0.88 U	0.013 U
2-Hexanone (Methyl Butyl Ketone)	NA	4.3 U	0.91 U	0.013 U	0.0088 U	0.015 U	0.012 U	0.0093 U	0.015 U	0.012 U	0.88 U	0.013 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	4.3 U	0.91 U	0.013 U	0.0088 U	0.015 U	0.012 U	0.0093 U	0.015 U	0.012 U	0.88 U	0.013 U
Acetone	500	4.3 U	0.91 U	0.013 U	0.0088 U	0.015 U	0.012 U	0.0093 U	0.015 U	0.012 U	0.88 U	**0.0065 J**
Benzene	44	0.21 U	**0.017 J**	0.00065 U	0.00044 U	**0.0012**	0.00058 U	0.00046 U	0.00075 U	0.00058 U	**0.055**	0.00065 U
Bromodichloromethane	NA	0.21 U	0.046 U	0.00065 U	0.00044 U	0.00076 U	0.00058 U	0.00046 U	0.00075 U	0.00058 U	0.044 U	0.00065 U
Bromoform	NA	1.7 U	0.36 U	0.0052 U	0.0035 U	0.0061 U	0.0046 U	0.0037 U	0.006 U	0.0046 U	0.35 U	0.0052 U
Bromomethane (Methyl Bromide)	NA	0.86 U	0.18 U	0.0026 U	0.0018 U	0.003 U	0.0023 U	0.0018 U	0.003 U	0.0023 U	0.18 U	0.0026 U
Carbon disulfide	NA	4.3 U	0.91 U	0.013 U	0.0088 U	0.015 U	0.012 U	0.0093 U	0.015 U	0.012 U	0.88 U	0.013 U
Carbon tetrachloride	22	0.43 U	0.091 U	0.0013 U	0.00088 U	0.0015 U	0.0012 U	0.00093 U	0.0015 U	0.0012 U	0.088 U	0.0013 U
Chlorobenzene	500	0.21 U	0.046 U	0.00065 U	0.00044 U	0.00076 U	0.00058 U	0.00046 U	0.00075 U	0.00058 U	0.044 U	0.00065 U
Chlorobromomethane	NA	0.86 U	0.18 U	0.0026 U	0.0018 U	0.003 U	0.0023 U	0.0018 U	0.003 U	0.0023 U	0.18 U	0.0026 U
Chloroethane	NA	0.86 U	0.18 U	0.0026 U	0.0018 U	0.003 U	0.0023 U	0.0018 U	0.003 U	0.0023 U	0.18 U	0.0026 U
Chloroform (Trichloromethane)	350	0.64 U	0.14 U	0.0019 U	0.0013 U	0.0023 U	0.0017 U	0.0014 U	0.0023 U	0.0017 U	0.13 U	0.002 U
Chloromethane (Methyl Chloride)	NA	1.7 U	0.36 U	0.0052 U	0.0035 U	0.0061 U	0.0046 U	0.0037 U	0.006 U	0.0046 U	0.35 U	0.0052 U
cis-1,2-Dichloroethene	500	0.43 U	0.091 U	0.0013 U	0.00088 U	0.0015 U	0.0012 U	0.00093 U	0.0015 U	0.0012 U	0.088 U	0.0013 U
cis-1,3-Dichloropropene	NA	0.21 U	0.046 U	0.00065 U	0.00044 U	0.00076 U	0.00058 U	0.00046 U	0.00075 U	0.00058 U	0.044 U	0.00065 U
Cyclohexane	NA	4.3 U	0.91 U	**0.0009 J**	0.0088 U	0.015 U	0.012 U	0.0093 U	0.015 U	0.012 U	**0.27 J**	0.013 U
Dibromochloromethane	NA	0.43 U	0.091 U	0.0013 U	0.00088 U	0.0015 U	0.0012 U	0.00093 U	0.0015 U	0.0012 U	0.088 U	0.0013 U
Dichlorodifluoromethane (CFC-12)	NA	4.3 U	0.91 U	0.013 U	0.0088 U	0.015 U	0.012 U	0.0093 U	0.015 U	0.012 U	0.88 U	0.013 U
Ethylbenzene	390	0.43 U	0.091 U	0.0013 U	0.00088 U	0.0015 U	0.0012 U	0.00093 U	0.0015 U	0.0012 U	**0.056 J**	0.0013 U
Isopropylbenzene (Cumene)	NA	0.43 U	0.091 U	0.0013 U	0.00088 U	0.0015 U	0.0012 U	0.00093 U	0.0015 U	0.0012 U	**0.073 J**	0.0013 U
m,p-Xylenes	NA	0.86 U	0.18 U	0.0026 U	0.0018 U	0.003 U	0.0023 U	0.0018 U	0.003 U	0.0023 U	**0.29**	0.0026 U
Methyl acetate	NA	**0.45 J**	**0.3 J**	0.0052 U	0.0035 U	0.0061 U	0.0046 U	0.0037 U	0.006 U	0.0046 U	**0.38**	0.0052 U
Methyl Tert Butyl Ether (MTBE)	500	0.86 U	0.18 U	0.0026 U	0.0018 U	0.003 U	0.0023 U	0.0018 U	0.003 U	0.0023 U	0.18 U	0.0026 U
Methylcyclohexane	NA	**1.6 J**	**0.16 J**	**0.0023 J**	0.0035 U	**0.0016 J**	0.0046 U	0.0037 U	0.006 U	0.0046 U	**1.1**	0.0052 U
Methylene chloride (Dichloromethane)	500	2.1 U	0.46 U	0.0065 U	0.0044 U	0.0076 U	0.0058 U	0.0046 U	0.0075 U	0.0058 U	0.44 U	0.0065 U
o-Xylene	NA	0.43 U	0.091 U	0.0013 U	0.00088 U	0.0015 U	0.0012 U	0.00093 U	0.0015 U	0.0012 U	**0.23**	0.0013 U
Styrene	NA	0.43 U	0.091 U	0.0013 U	0.00088 U	0.0015 U	0.0012 U	0.00093 U	0.0015 U	0.0012 U	0.088 U	0.0013 U
Tetrachloroethene	150	**1.2**	**0.21**	0.00065 U	0.00044 U	0.00076 U	0.00058 U	**0.0032**	0.00075 U	0.00058 U	**0.28**	0.00065 U
Toluene	500	0.43 U	**0.052 J**	0.0013 U	0.00088 U	0.0015 U	0.0012 U	0.00093 U	0.0015 U	0.0012 U	**0.25**	0.0013 U
trans-1,2-Dichloroethene	500	0.64 U	0.14 U	0.0019 U	0.0013 U	0.0023 U	0.0017 U	0.0014 U	0.0023 U	0.0017 U	0.13 U	0.002 U
trans-1,3-Dichloropropene	NA	0.43 U	0.091 U	0.0013 U	0.00088 U	0.0015 U	0.0012 U	0.00093 U	0.0015 U	0.0012 U	0.088 U	0.0013 U
Trichloroethene	200	**170**	**2.6**	**0.0027**	**0.00066**	**0.00058 J**	0.00058 U	**0.0023**	**0.00092**	**0.0014**	**31**	**0.0029**
Trichlorofluoromethane (CFC-11)	NA	1.7 U	0.36 U	0.0052 U	0.0035 U	0.0061 U	0.0046 U	0.0037 U	0.006 U	0.0046 U	0.35 U	0.0052 U
Trifluorotrichloroethane (Freon 113)	NA	1.7 U	0.36 U	0.0052 U	0.0035 U	0.0061 U	0.0046 U	0.0037 U	0.006 U	0.0046 U	0.35 U	0.0052 U
Vinyl chloride	13	0.43 U	0.091 UJ	0.0013 U	0.00088 UJ	0.0015 U	0.0012 UJ	0.00093 U	0.0015 U	0.0012 U	0.088 U	0.0013 U

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name		TB-DOC1	TB-DOC2	TB-DOC3	TB-DOC4	TB-DOC5	TB-DOC6	TB-DOC7	TB-DOC8	TB-DOC9	TB-DOC10	TB-DOC11
Sample Name		TB-DOC1-060424-0900	TB-DOC2-060424-1000	TB-DOC3-060424-1100	TB-DOC4-060424-1120	TB-DOC5-060424-1240	TB-DOC6-060424-1250	TB-DOC7-060424-1320	TB-DOC8-060524-0800	TB-DOC9-060524-0820	TB-DOC10-060524-0850	TB-DOC11-060524-0900
Sample Date		06/04/2024	06/04/2024	06/04/2024	06/04/2024	06/04/2024	06/04/2024	06/04/2024	06/05/2024	06/05/2024	06/05/2024	06/05/2024
Sample Type	6 NYCRR Part 375 Commercial Soil Cleanup Objective	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Lab Sample ID		L2430944-01 INTERIM	L2430944-02	L2430944-03	L2430944-04	L2430944-05	L2430944-06	L2430944-07	L2431345-01 L2434288-01	L2431345-02 L2434288-02	L2431345-03 L2434288-03	L2431345-04 L2434288-04
Semi-Volatile Organic Compounds (mg/kg)												
1,2,4,5-Tetrachlorobenzene	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
1,4-Dioxane	130	-	0.029 U	-	-	-	0.029 U	-	0.028 U	0.026 U	0.026 U	0.028 U
2,2'-oxybis(1-Chloropropane)	NA	0.23 U	0.24 U	0.23 U	0.22 U	0.21 U	0.23 U	0.2 U	0.22 U	0.21 U	0.21 U	0.22 U
2,3,4,6-Tetrachlorophenol	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4,5-Trichlorophenol	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4,6-Trichlorophenol	NA	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U	0.12 U	0.1 U	0.11 U	0.1 U	0.1 U	0.11 U
2,4-Dichlorophenol	NA	0.17 U	0.18 U	0.17 U	0.16 U	0.16 U	0.17 U	0.15 U	0.16 U	0.16 U	0.16 U	0.17 U
2,4-Dimethylphenol	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	**0.084 J**	**0.078 J**	**0.065 J**	**0.086 J**
2,4-Dinitrophenol	NA	0.91 U	0.94 U	0.92 U	0.88 U	0.86 U	0.92 U	0.82 U	0.88 U	0.85 U	0.84 U	0.89 U
2,4-Dinitrotoluene	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
2,6-Dinitrotoluene	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Chloronaphthalene	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	**0.043 J**	0.18 U
2-Chlorophenol	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Methylnaphthalene	NA	**0.26**	**0.2 J**	**0.33**	**0.057 J**	**0.18 J**	**0.7**	**0.39**	**1.7**	**0.64**	**0.95**	**1.2**
2-Methylphenol (o-Cresol)	500	**0.036 J**	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	**0.033 J**	0.18 U	0.18 U	0.18 U
2-Nitroaniline	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
2-Nitrophenol	NA	0.41 U	0.42 U	0.41 U	0.4 U	0.39 U	0.41 U	0.37 U	0.4 U	0.38 U	0.38 U	0.4 U
3&4-Methylphenol	NA	**0.14 J**	0.28 U	0.28 U	0.26 U	0.26 U	**0.033 J**	**0.029 J**	**0.08 J**	**0.038 J**	**0.067 J**	**0.081 J**
3,3'-Dichlorobenzidine	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
3-Nitroaniline	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
4,6-Dinitro-2-methylphenol	NA	0.5 U	0.51 U	0.5 U	0.48 U	0.46 U	0.5 U	0.44 U	0.48 U	0.46 U	0.46 U	0.48 U
4-Bromophenyl phenyl ether (BDE-3)	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Chloro-3-methylphenol	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Chloroaniline	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Chlorophenyl phenyl ether	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Nitroaniline	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
4-Nitrophenol	NA	0.27 U	0.27 U	0.27 U	0.26 U	0.25 U	0.27 U	0.24 U	0.26 U	0.25 U	0.24 U	0.26 U
Acenaphthene	500	**0.068 J**	**0.12 J**	**0.045 J**	**0.021 J**	**0.48**	**1.5**	**2.6**	**0.98**	**0.21**	**0.38**	**0.71**
Acenaphthylene	500	**2.5**	**0.14 J**	**0.16**	**0.11 J**	**0.16**	**0.26**	**0.39**	**0.92**	**0.57**	**1.1**	**1.8**
Acetophenone	NA	**0.18 J**	**0.029 J**	**0.048 J**	0.18 U	**0.023 J**	**0.027 J**	**0.022 J**	0.18 U	0.18 U	0.18 U	0.18 U
Anthracene	500	**1.4**	**0.3 J+**	**0.22**	**0.12**	**1.1**	**2.7**	**5.7**	**3**	**1**	**2**	**3.6**
Atrazine	NA	0.15 U	0.16 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U	0.15 U
Benzaldehyde	NA	**0.11 J**	**0.089 J**	**0.15 J**	0.24 U	**0.066 J**	**0.076 J**	**0.057 J**	0.24 U	0.23 U	0.23 U	0.24 U
Benzo(a)anthracene	5.6	**3.7**	**0.64 J+**	**0.88**	**0.45**	**3.3**	**5.9**	**21**	**10**	**2.6**	**9.5**	**13**
Benzo(a)pyrene	1	**4.5**	**0.62 J+**	**0.96**	**0.49**	**2.8**	**4.6**	**17**	**6.9**	**2.4**	**6.7**	**14**
Benzo(b)fluoranthene	5.6	**6.4**	**0.81 J+**	**1.5**	**0.72**	**3.8**	**6**	**21**	**15**	**3.7**	**15**	**18**
Benzo(g,h,i)perylene	500	**2.8**	**0.53 J+**	**0.77**	**0.36**	**1.9**	**3.2**	**11**	**4.4**	**1.8**	**4.8**	**6**
Benzo(k)fluoranthene	56	**1.8**	**0.24 J+**	**0.43**	**0.19**	**1.3**	**1.6**	**2.8**	**2.1**	**1.2**	**2.**	**3.4**
Biphenyl	NA	**0.057 J**	**0.04 J**	**0.063 J**	0.42 U	**0.036 J**	**0.14 J**	**0.089 J**	**0.22 J**	**0.088 J**	**0.12 J**	**0.13 J**
bis(2-Chloroethoxy)methane	NA	0.2 U	0.21 U	0.21 U	0.2 U	0.19 U	0.21 U	0.18 U	0.2 U	0.19 U	0.19 U	0.2 U
bis(2-Chloroethyl)ether	NA	0.17 U	0.18 U	0.17 U	0.16 U	0.16 U	0.17 U	0.15 U	0.16 U	0.16 U	0.16 U	0.17 U
bis(2-Ethylhexyl)phthalate	NA	**1.6**	**0.44**	**0.38**	0.18 U	**0.41**	**0.19**	0.17 U	**0.46**	**0.22**	**0.21**	**0.094 J**
Butyl benzylphthalate (BBP)	NA	**9.2**	**1.6 J**	**0.99**	**0.072 J**	**0.49**	**1.2**	**0.044 J**	**0.68**	**0.34**	**0.17 J**	**0.13 J**
Caprolactam	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
Carbazole	NA	**0.21**	**0.11 J**	**0.085 J**	**0.064 J**	**0.61**	**1.3**	**3.4**	**1.4**	**0.47**	**0.67**	**1.1**
Chrysene	56	**3.2**	**0.66 J+**	**0.9**	**0.49**	**3.3**	**4.9**	**20.**	**11.**	**2.8**	**9.1**	**12.**
Dibenz(a,h)anthracene	0.56	**0.76**	**0.12 J+**	**0.19**	**0.081 J**	**0.48**	**0.78**	**1.5**	**1.2**	**0.44**	**1.2**	**1.3**
Dibenzofuran	350	**0.13 J**	**0.12 J**	**0.12 J**	**0.036 J**	**0.23**	**1**	**1.2**	**1**	**0.32**	**0.58**	**0.62**
Diethyl phthalate	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
Dimethyl phthalate	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
Di-n-butylphthalate (DBP)	NA	**0.05 J**	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
Di-n-octyl phthalate (DnOP)	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name		TB-DOC1	TB-DOC2	TB-DOC3	TB-DOC4	TB-DOC5	TB-DOC6	TB-DOC7	TB-DOC8	TB-DOC9	TB-DOC10	TB-DOC11
Sample Name		TB-DOC1-060424-0900	TB-DOC2-060424-1000	TB-DOC3-060424-1100	TB-DOC4-060424-1120	TB-DOC5-060424-1240	TB-DOC6-060424-1250	TB-DOC7-060424-1320	TB-DOC8-060524-0800	TB-DOC9-060524-0820	TB-DOC10-060524-0850	TB-DOC11-060524-0900
Sample Date		06/04/2024	06/04/2024	06/04/2024	06/04/2024	06/04/2024	06/04/2024	06/04/2024	06/05/2024	06/05/2024	06/05/2024	06/05/2024
Sample Type	6 NYCRR Part 375 Commercial Soil Cleanup Objective	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Lab Sample ID		L2430944-01	L2430944-02	L2430944-03	L2430944-04	L2430944-05	L2430944-06	L2430944-07	L2431345-01 L2434288-01	L2431345-02 L2434288-02	L2431345-03 L2434288-03	L2431345-04 L2434288-04
		INTERIM										
Fluoranthene	500	**3.5**	**1.2 J+**	**1.3**	**0.97**	**6.5**	**14**	**45**	**21**	**5.1**	**17**	**26**
Fluorene	500	**0.15 J**	**0.15 J**	**0.082 J**	**0.026 J**	**0.37**	**1.5**	**1.9**	**0.85**	**0.22**	**0.36**	**0.91**
Hexachlorobenzene	6	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U	0.12 U	0.1 U	0.11 U	0.1 U	0.1 U	0.11 U
Hexachlorobutadiene	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
Hexachlorocyclopentadiene	NA	0.54 U	0.56 U	0.55 U	0.52 U	0.51 U	0.55 U	0.49 U	0.52 U	0.5 U	0.5 U	0.53 U
Hexachloroethane	NA	0.15 U	0.16 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U	0.15 U
Indeno(1,2,3-cd)pyrene	5.6	**2.9**	**0.45 J+**	**0.68**	**0.34**	**1.8**	**3.1**	**10**	**4.8**	**1.8**	**4.8**	**6.1**
Isophorone	NA	0.17 U	0.18 U	0.17 U	0.16 U	0.16 U	0.17 U	0.15 U	0.16 U	0.16 U	0.16 U	0.17 U
Naphthalene	500	**0.39**	**0.25**	**0.21**	**0.092 J**	**0.17 J**	**1.2**	**0.48**	**1.8**	**0.66**	**1.7**	**1.1**
Nitrobenzene	NA	0.17 U	0.18 U	0.17 U	0.16 U	0.16 U	0.17 U	0.15 U	0.16 U	0.16 U	0.16 U	0.17 U
N-Nitrosodi-n-propylamine	NA	0.19 U	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
N-Nitrosodiphenylamine	NA	0.15 U	**0.042 J**	**0.062 J**	0.15 U	0.14 U	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U	0.15 U
Pentachlorophenol	6.7	0.15 U	0.16 U	0.15 U	0.15 U	0.14 U	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U	0.15 U
Phenanthrene	500	**1.1**	**0.96 J+**	**0.82**	**0.34**	**4.2**	**11**	**28**	**13**	**2.7**	**5.2**	**15**
Phenol	500	**0.081 J**	0.2 U	0.19 U	0.18 U	0.18 U	0.19 U	0.17 U	**0.048 J**	0.18 U	**0.046 J**	**0.054 J**
Pyrene	500	**3.8**	**1.1 J+**	**1.2**	**0.88**	**5.6**	**11**	**38**	**18**	**4.5**	**15**	**23**
Inorganic Compounds (mg/kg)												
Aluminum	NA	**3440**	**4960**	**2910**	**4590**	**2690**	**3680**	**2100**	**2760**	**3740**	**3400**	**2380**
Antimony	NA	**6.94**	**4.15 J**	**3.77 J**	**2.22 J**	**2.27 J**	**5.88**	**0.7 J**	**6.98**	**2.49 J**	**3.22 J**	**2.49 J**
Arsenic	16	**158**	**43**	**123**	**169**	**205**	**18**	**5.74**	**249**	**54**	**113**	**47**
Barium	400	**100**	**81.3**	**80**	**37.3**	**58.5**	**98.2**	**46.5**	**81.9**	**63.1**	**72.8**	**66**
Beryllium	590	**0.495**	**0.461 J**	**0.459**	**0.284 J**	**0.472**	**0.363 J**	**0.188 J**	**0.462**	**0.376 J**	**0.349 J**	**0.269 J**
Cadmium	9.3	**0.481 J**	**0.46 J**	**0.554 J**	**0.138 J**	**0.455 J**	**0.935**	**0.39 J**	**0.732 J**	**0.289 J**	**0.63 J**	**1.16**
Calcium	NA	**12800**	**24300**	**12100**	**17600**	**7530**	**40800**	**105000**	**15600**	**11600**	**31700**	**47700**
Chromium	NA	**21.1**	**9.16**	**7.86**	**6.97**	**5.02**	**17**	**65.2**	**11.2**	**8.83**	**9.07**	**11.9**
Cobalt	NA	**8.14**	**6.14**	**5**	**3.66**	**5.19**	**4.45**	**2.95 J**	**5.35**	**4.51**	**4.5**	**4.08**
Copper	270	**86.8**	**132**	**61.8**	**22**	**31**	**204**	**31.4**	**93.8**	**46.2**	**81.6**	**93.2**
Iron	NA	**37000**	**31200**	**20000**	**12300**	**19800**	**20100**	**11200**	**32200**	**18600**	**18600**	**19600**
Lead	1000	**321**	**291**	**189**	**61.5**	**98.7**	**366**	**189**	**238**	**123**	**198**	**311**
Magnesium	NA	**2950**	**5060**	**4470**	**4150**	**1610**	**14100**	**38700**	**4310**	**2960**	**4190**	**6740**
Manganese	10000	**286**	**315**	**154**	**328**	**99**	**385**	**290**	**274**	**242**	**192**	**230**
Mercury	2.8	**0.422**	**0.353**	**0.176**	**0.103**	**0.093**	**0.534**	**0.616**	**0.302**	**0.253**	**0.24**	**0.388**
Nickel	310	**70.6**	**16.4**	**37.7**	**8.37**	**12.1**	**12.6**	**13.2**	**14.4**	**11.3**	**14.8**	**16**
Potassium	NA	**320**	**507**	**366**	**377**	**140 J**	**407**	**341 J**	**364**	**317**	**298**	**328**
Selenium	1500	**0.486 J**	1.86 U	**0.361 J**	1.73 U	**0.326 J**	1.84 U	3.27 U	**0.828 J**	**0.258 J**	**0.386 J**	1.76 U
Silver	1500	**13**	**0.633**	**0.518**	**0.306 J**	**0.323 J**	**0.696**	0.817 U	**1.01**	**0.428 J**	**0.529**	**0.692**
Sodium	NA	**67.7 J**	**126 J**	**105 J**	**52.5 J**	**97.4 J**	**101 J**	**105 J**	**78.4 J**	**50.9 J**	**121 J**	**127 J**
Thallium	NA	**0.468 J**	**0.366 J**	**0.355 J**	1.73 U	1.66 U	**0.467 J**	3.27 U	**0.48 J**	1.74 U	**0.324 J**	**0.293 J**
Vanadium	NA	**11.4**	**13.9**	**12.1**	**12.4**	**7.23**	**15.1**	**7.81**	**15.2**	**11.7**	**8.56**	**10.3**
Zinc	10000	**172**	**174**	**150**	**40.9**	**45.8**	**319**	**111**	**162**	**78.5**	**131**	**172**
Other												
Total Solids (%)	NA	**86.8**	**83.6**	**86**	**90.2**	**91.7**	**84.5**	**96.6**	**88.9**	**91.6**	**92.7**	**89.2**
Cyanide (mg/kg)	27	1.1 U	1.1 U	**0.24 J**	1 U	**0.58 J**	**0.34 J**	0.99 U	**0.69 J**	**0.89 J**	**0.81 J**	**0.32 J**

Notes and Abbreviations:

*1. Results in **bold** are detected.*

2. Results qualifiers defined as follows:

U: Not detected above the indicated reporting limit.

J: Estimated result.

J-: Estimated result, low bias.

3. mg/kg = milligrams per kilogram

- Orange shading indicates an exceedance of the 6 NYCRR Part 375 Commercial Soil Cleanup Objective.

- Gray shading indicates interim documentation soil sample. Soils were

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name Sample Name Sample Date Sample Type Lab Sample ID	6 NYCRR Part 375 Commercial Soil Cleanup Objective	TB-DOC12 TB-DOC12-060524-1000 06/05/2024 Primary L2431345-05 L2434288-05	TB-DOC13 TB-DOC13-061224-0830 06/12/2024 Primary L2433099-01	TB-DOC14 TB-DOC14-061224-0840 06/12/2024 Primary L2433099-02	TB-DOC15 TB-DOC15-061224-0850 06/12/2024 Primary L2433099-03	TB-DOC16 TB-DOC16-061224-0920 06/12/2024 Primary L2433099-04	TB-DOC17 TB-DOC17-061224-0930 06/12/2024 Primary L2433099-05	TB-DOC18 TB-DOC18-061224-0940 06/12/2024 Primary L2433099-06 INTERIM	TB-DOC19 TB-DOC19-061224-1000 06/12/2024 Primary L2433099-07	TB-DOC20 TB-DOC20-061224-1010 06/12/2024 Primary L2433099-08	TB-DOC21 TB-DOC21-061224-1300 06/12/2024 Primary L2433099-09
Volatile Organic Compounds (mg/kg)											
1,1,1-Trichloroethane	500	0.00068 U	0.00055 U	0.00064 U	0.032 U	0.00062 U	0.00052 U	0.0006 U	0.00058 U	0.00057 U	0.00055 U
1,1,2,2-Tetrachloroethane	NA	0.00068 U	0.00055 U	0.00064 U	0.032 U	0.00062 U	0.00052 U	0.0006 U	0.00058 U	0.00057 UJ	0.00055 U
1,1,2-Trichloroethane	NA	0.0014 U	0.0011 U	0.0013 U	0.064 U	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 UJ	0.0011 U
1,1-Dichloroethane	240	0.0014 U	0.0011 U	0.0013 U	0.064 U	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
1,1-Dichloroethene	500	0.0014 U	0.0011 U	0.0013 U	0.064 U	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
1,2,3-Trichlorobenzene	NA	0.0027 U	0.0022 U	0.0026 U	0.13 U	0.0025 U	0.0021 U	0.0024 U	0.0023 U	0.0023 R	0.0022 U
1,2,4-Trichlorobenzene	NA	0.0027 U	0.0022 U	0.0026 U	0.13 U	0.0025 U	0.0021 U	0.0024 U	0.0023 U	0.0023 R	0.0022 U
1,2-Dibromo-3-chloropropane (DBCP)	NA	0.0041 U	0.0033 U	0.0039 U	0.19 U	0.0037 U	0.0031 U	0.0036 U	0.0034 U	0.0034 UJ	0.0033 U
1,2-Dibromoethane (Ethylene Dibromide)	NA	0.0014 U	0.0011 U	0.0013 U	0.064 U	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 UJ	0.0011 U
1,2-Dichlorobenzene	500	0.0027 U	0.0022 U	0.0026 U	0.13 U	0.0025 U	0.0021 U	0.0024 U	0.0023 U	0.0023 R	0.0022 U
1,2-Dichloroethane	30	0.0014 U	0.0011 U	0.0013 U	0.064 U	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 UJ	0.0011 U
1,2-Dichloropropane	NA	0.0014 U	0.0011 U	0.0013 U	0.064 U	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 UJ	0.0011 U
1,3-Dichlorobenzene	280	0.0027 U	0.0022 U	0.0026 U	0.13 U	0.0025 U	0.0021 U	0.0024 U	0.0023 U	0.0023 R	0.0022 U
1,4-Dichlorobenzene	130	0.0027 U	**0.00032 J**	0.0026 U	0.13 U	0.0025 U	0.0021 U	0.0024 U	0.0023 U	0.0023 R	0.0022 U
1,4-Dioxane	130	0.11 U	0.088 U	0.1 U	5.1 U	0.099 U	0.083 U	0.096 U	0.092 U	0.091 U	0.089 U
2-Butanone (Methyl Ethyl Ketone)	500	0.014 U	0.011 U	0.013 U	**0.15 J**	0.012 U	0.01 U	0.012 U	0.012 U	0.011 U	0.011 U
2-Hexanone (Methyl Butyl Ketone)	NA	0.014 U	0.011 U	0.013 U	0.64 U	0.012 U	0.01 U	0.012 U	0.012 U	0.011 UJ	0.011 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	0.014 U	0.011 U	0.013 U	0.64 U	0.012 U	0.01 U	0.012 U	0.012 U	0.011 U	0.011 U
Acetone	500	0.014 U	0.011 U	0.013 U	0.64 U	0.012 U	0.01 U	**0.023**	0.012 U	0.011 U	0.011 U
Benzene	44	0.00068 U	0.00055 U	0.00064 U	**0.036**	0.00062 U	0.00052 U	0.0006 U	0.00058 U	0.00057 UJ	0.00055 U
Bromodichloromethane	NA	0.00068 U	0.00055 U	0.00064 U	0.032 U	0.00062 U	0.00052 U	0.0006 U	0.00058 U	0.00057 UJ	0.00055 U
Bromoform	NA	0.0055 U	0.0044 U	0.0052 U	0.26 U	0.005 U	0.0041 U	0.0048 U	0.0046 U	0.0045 UJ	0.0044 U
Bromomethane (Methyl Bromide)	NA	0.0027 U	0.0022 U	0.0026 U	0.13 U	0.0025 U	0.0021 U	0.0024 U	0.0023 U	0.0023 U	0.0022 U
Carbon disulfide	NA	0.014 U	0.011 U	0.013 U	0.64 U	0.012 U	0.01 U	0.012 U	0.012 U	0.011 UJ	0.011 U
Carbon tetrachloride	22	0.0014 U	0.0011 U	0.0013 U	0.064 U	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
Chlorobenzene	500	0.00068 U	0.00055 U	0.00064 U	0.032 U	0.00062 U	0.00052 U	0.0006 U	0.00058 U	0.00057 UJ	0.00055 U
Chlorobromomethane	NA	0.0027 U	0.0022 U	0.0026 U	0.13 U	0.0025 U	0.0021 U	0.0024 U	0.0023 U	0.0023 UJ	0.0022 U
Chloroethane	NA	0.0027 U	0.0022 U	0.0026 U	0.13 U	0.0025 U	0.0021 U	0.0024 U	0.0023 U	0.0023 U	0.0022 U
Chloroform (Trichloromethane)	350	0.002 U	0.0016 U	0.0019 U	**0.011 J**	0.0019 U	0.0016 U	0.0018 U	0.0017 U	0.0017 UJ	0.0017 U
Chloromethane (Methyl Chloride)	NA	0.0055 U	0.0044 U	0.0052 U	0.26 U	0.005 U	0.0041 U	0.0048 U	0.0046 U	0.0045 U	0.0044 U
cis-1,2-Dichloroethene	500	0.0014 U	0.0011 U	0.0013 U	0.064 U	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 UJ	0.0011 U
cis-1,3-Dichloropropene	NA	0.00068 U	0.00055 U	0.00064 U	0.032 U	0.00062 U	0.00052 U	0.0006 U	0.00058 U	0.00057 UJ	0.00055 U
Cyclohexane	NA	0.014 U	0.011 U	0.013 U	**0.11 J**	0.012 U	0.01 U	0.012 U	0.012 U	0.011 U	0.011 U
Dibromochloromethane	NA	0.0014 U	0.0011 U	0.0013 U	0.064 U	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 UJ	0.0011 U
Dichlorodifluoromethane (CFC-12)	NA	0.014 U	0.011 U	0.013 U	0.64 U	0.012 U	0.01 U	0.012 U	0.012 U	0.011 U	0.011 U
Ethylbenzene	390	0.0014 U	0.0011 U	**0.0003 J**	**0.069**	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 UJ	0.0011 U
Isopropylbenzene (Cumene)	NA	0.0014 U	0.0011 U	0.0013 U	**0.022 J**	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 UJ	0.0011 U
m,p-Xylenes	NA	0.0027 U	0.0022 U	0.0026 U	**0.3**	0.0025 U	0.0021 U	0.0024 U	0.0023 U	0.0023 UJ	0.0022 U
Methyl acetate	NA	0.0055 U	0.0044 U	0.0052 U	**0.21 J**	0.005 U	0.0041 U	0.0048 U	0.0046 U	0.0045 U	0.0044 U
Methyl Tert Butyl Ether (MTBE)	500	0.0027 U	0.0022 U	0.0026 U	0.13 U	0.0025 U	0.0021 U	0.0024 U	0.0023 U	0.0023 U	0.0022 U
Methylcyclohexane	NA	0.0055 U	0.0044 U	0.0052 U	**0.36**	0.005 U	0.0041 U	0.0048 U	0.0046 U	0.0045 U	0.0044 U
Methylene chloride (Dichloromethane)	500	0.0068 U	0.0055 U	0.0064 U	0.32 U	0.0062 U	0.0052 U	0.006 U	0.0058 U	0.0057 UJ	0.0055 U
o-Xylene	NA	0.0014 U	0.0011 U	0.0013 U	**0.15**	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 UJ	0.0011 U
Styrene	NA	0.0014 U	0.0011 U	0.0013 U	0.064 U	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 UJ	0.0011 U
Tetrachloroethene	150	0.00068 U	0.00055 U	0.00064 U	0.032 U	0.00062 U	0.00052 U	0.0006 U	0.00058 U	0.00057 UJ	0.00055 U
Toluene	500	0.0014 U	0.0011 U	0.0013 U	**0.17**	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 UJ	0.0011 U
trans-1,2-Dichloroethene	500	0.002 U	0.0016 U	0.0019 U	0.096 U	0.0019 U	0.0016 U	0.0018 U	0.0017 U	0.0017 UJ	0.0017 U
trans-1,3-Dichloropropene	NA	0.0014 U	0.0011 U	0.0013 U	0.064 U	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 UJ	0.0011 U
Trichloroethene	200	0.00068 U	0.00055 U	0.00064 U	0.032 U	0.00062 U	0.00052 U	0.0006 U	0.00058 U	0.00057 UJ	0.00055 U
Trichlorofluoromethane (CFC-11)	NA	0.0055 U	0.0044 U	0.0052 U	0.26 U	0.005 U	0.0041 U	0.0048 U	0.0046 U	0.0045 U	0.0044 U
Trifluorotrichloroethane (Freon 113)	NA	0.0055 U	0.0044 U	0.0052 U	0.26 U	0.005 U	0.0041 U	0.0048 U	0.0046 U	0.0045 U	0.0044 U
Vinyl chloride	13	0.0014 U	0.0011 U	0.0013 U	0.064 U	0.0012 U	0.001 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name Sample Name Sample Date Sample Type Lab Sample ID	6 NYCRR Part 375 Commercial Soil Cleanup Objective	TB-DOC12 TB-DOC12-060524-1000 06/05/2024 Primary L2431345-05 L2434288-05	TB-DOC13 TB-DOC13-061224-0830 06/12/2024 Primary L2433099-01	TB-DOC14 TB-DOC14-061224-0840 06/12/2024 Primary L2433099-02	TB-DOC15 TB-DOC15-061224-0850 06/12/2024 Primary L2433099-03	TB-DOC16 TB-DOC16-061224-0920 06/12/2024 Primary L2433099-04	TB-DOC17 TB-DOC17-061224-0930 06/12/2024 Primary L2433099-05	TB-DOC18 TB-DOC18-061224-0940 06/12/2024 Primary L2433099-06 INTERIM	TB-DOC19 TB-DOC19-061224-1000 06/12/2024 Primary L2433099-07	TB-DOC20 TB-DOC20-061224-1010 06/12/2024 Primary L2433099-08	TB-DOC21 TB-DOC21-061224-1300 06/12/2024 Primary L2433099-09
Semi-Volatile Organic Compounds (mg/kg)											
1,2,4,5-Tetrachlorobenzene	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
1,4-Dioxane	130	0.027 U	-	-	0.028 U	-	-	-	-	-	0.027 U
2,2'-oxybis(1-Chloropropane)	NA	0.21 U	0.22 U	2.2 U	0.22 U	1.1 U	0.22 U	1.2 U	0.22 U	0.22 U	0.22 U
2,3,4,6-Tetrachlorophenol	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
2,4,5-Trichlorophenol	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
2,4,6-Trichlorophenol	NA	0.11 U	0.11 U	1.1 U	0.11 U	0.55 U	0.11 U	0.58 U	0.11 U	0.11 U	0.11 U
2,4-Dichlorophenol	NA	0.16 U	0.16 U	1.7 U	0.17 U	0.83 U	0.16 U	0.87 U	0.16 U	0.16 U	0.16 U
2,4-Dimethylphenol	NA	**0.088 J**	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	**0.065 J**	0.18 U
2,4-Dinitrophenol	NA	0.86 U	0.86 U	9 U	0.9 U	4.4 U	0.87 U	4.6 U	0.88 U	0.87 R	0.88 U
2,4-Dinitrotoluene	NA	0.18 U	**0.082 J**	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
2,6-Dinitrotoluene	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
2-Chloronaphthalene	NA	**0.024 J**	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
2-Chlorophenol	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
2-Methylnaphthalene	NA	**1.7**	**1.7**	**1 J**	**1**	**0.78 J**	**0.34**	**2.8**	**0.87**	**1.5**	**0.55**
2-Methylphenol (o-Cresol)	500	0.18 U	**0.031 J**	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	**0.044 J**	0.18 U
2-Nitroaniline	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
2-Nitrophenol	NA	0.38 U	0.39 U	4 U	0.41 U	2 U	0.39 U	2.1 U	0.4 U	0.39 U	0.39 U
3&4-Methylphenol	NA	**0.068 J**	**0.089 J**	2.7 U	0.27 U	1.3 U	0.26 U	1.4 U	**0.063 J**	**0.13 J**	**0.044 J**
3,3'-Dichlorobenzidine	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 R	0.18 U
3-Nitroaniline	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
4,6-Dinitro-2-methylphenol	NA	0.46 U	0.47 U	4.8 U	0.49 U	2.4 U	0.47 U	2.5 U	0.48 U	0.47 R	0.48 U
4-Bromophenyl phenyl ether (BDE-3)	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
4-Chloro-3-methylphenol	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
4-Chloroaniline	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
4-Chlorophenyl phenyl ether	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
4-Nitroaniline	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
4-Nitrophenol	NA	0.25 U	0.25 U	2.6 U	0.26 U	1.3 U	0.25 U	1.4 U	0.26 U	0.25 R	0.26 U
Acenaphthene	500	**0.2**	**0.22**	**0.31 J**	**0.069 J**	0.74 U	**0.075 J**	**0.55 J**	**0.18**	**0.19**	**0.2**
Acenaphthylene	500	**1.8**	**3**	**2.5**	**0.56**	**0.54 J**	**0.83**	**9.6**	**1.6**	**2.6**	**0.98**
Acetophenone	NA	0.18 U	**0.15 J**	1.9 U	**0.084 J**	0.92 U	**0.037 J**	**0.29 J**	**0.068 J**	**0.15 J**	**0.035 J**
Anthracene	500	**2.6**	**2.1**	**2.5**	**0.71**	**0.51 J**	**0.84**	**9**	**2.3**	**2.6**	**0.99**
Atrazine	NA	0.14 U	0.14 U	1.5 U	0.15 U	0.74 U	0.14 U	0.77 U	0.15 U	0.14 U	0.15 U
Benzaldehyde	NA	0.24 U	**0.45**	**2.5 U**	**0.35**	1.2 U	0.24 U	1.3 U	0.24 U	0.24 U	0.24 U
Benzo(a)anthracene	5.6	**5.3**	**5.8**	**4.4**	**0.93**	**0.99**	**1.4**	**25**	**3.3**	**3.2**	**1.6**
Benzo(a)pyrene	1	**6.1**	**6.3**	**4.8**	**1.2**	**1**	**2.1**	**20**	**3.7**	**3.6**	**1.9**
Benzo(b)fluoranthene	5.6	**17**	**11**	**7.6**	**1.8**	**2.**	**3.4**	**30**	**5.7**	**6**	**2.6**
Benzo(g,h,i)perylene	500	**5.1**	**5.9**	**3.4**	**1.3**	**0.92**	**1.8**	**12**	**2.9**	**3 J**	**1.4**
Benzo(k)fluoranthene	56	**2.4**	**2.2 J**	**1.8**	**0.57**	**0.52 J**	**0.84**	**9.6**	**1.1**	**1.1**	**0.73**
Biphenyl	NA	**0.17 J**	**0.21 J**	4.2 U	**0.074 J**	**0.17 J**	**0.056 J**	**0.36 J**	**0.14 J**	**0.18 J**	**0.1 J**
bis(2-Chloroethoxy)methane	NA	0.19 U	0.19 U	2 U	0.2 U	1 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
bis(2-Chloroethyl)ether	NA	0.16 U	0.16 U	1.7 U	0.17 U	0.83 U	0.16 U	0.87 U	0.16 U	0.16 U	0.16 U
bis(2-Ethylhexyl)phthalate	NA	**0.17 J**	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
Butyl benzylphthalate (BBP)	NA	**0.32**	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	**0.097 J**	0.18 U
Caprolactam	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
Carbazole	NA	**0.68**	**0.44**	**0.58 J**	**0.1 J**	**0.094 J**	**0.16 J**	**1.4**	**0.38**	**0.5**	**0.21**
Chrysene	56	**6.6**	**5.**	**4.8**	**1.1**	**1.3**	**1.7**	**22**	**3.3**	**3.2**	**1.6**
Dibenz(a,h)anthracene	0.56	**1.3**	**1.1**	**0.73 J**	**0.28**	**0.23 J**	**0.41**	**3.6**	**0.63**	**0.62**	**0.28**
Dibenzofuran	350	**0.75**	**0.65**	**0.4 J**	**0.17 J**	**0.19 J**	**0.19**	**1.2**	**0.61**	**0.44**	**0.3**
Diethyl phthalate	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
Dimethyl phthalate	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
Di-n-butylphthalate (DBP)	NA	0.18 U	**0.041 J**	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
Di-n-octyl phthalate (DnOP)	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name		TB-DOC12	TB-DOC13	TB-DOC14	TB-DOC15	TB-DOC16	TB-DOC17	TB-DOC18	TB-DOC19	TB-DOC20	TB-DOC21
Sample Name		TB-DOC12-060524-1000	TB-DOC13-061224-0830	TB-DOC14-061224-0840	TB-DOC15-061224-0850	TB-DOC16-061224-0920	TB-DOC17-061224-0930	TB-DOC18-061224-0940	TB-DOC19-061224-1000	TB-DOC20-061224-1010	TB-DOC21-061224-1300
Sample Date		06/05/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024	06/12/2024
Sample Type	6 NYCRR Part 375 Commercial Soil Cleanup Objective	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Lab Sample ID		L2431345-05 L2434288-05	L2433099-01	L2433099-02	L2433099-03	L2433099-04	L2433099-05	L2433099-06 INTERIM	L2433099-07	L2433099-08	L2433099-09
Fluoranthene	500	**7.1**	**5.9**	**6.7**	**1.2**	**2.3**	**1.6**	**45**	**4.7**	**4**	**2.6**
Fluorene	500	**0.31**	**0.36**	**0.48 J**	**0.11 J**	0.92 U	**0.11 J**	**0.94 J**	**0.38**	0.18 U	**0.4**
Hexachlorobenzene	6	0.11 U	0.11 U	1.1 U	0.11 U	0.55 U	0.11 U	0.58 U	0.11 U	0.11 U	0.11 U
Hexachlorobutadiene	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
Hexachlorocyclopentadiene	NA	0.51 U	0.51 U	5.3 U	0.54 U	2.6 U	0.52 U	2.8 U	0.52 U	0.52 R	0.52 U
Hexachloroethane	NA	0.14 U	0.14 U	1.5 U	0.15 U	0.74 U	0.14 U	0.77 U	0.15 U	0.14 U	0.15 U
Indeno(1,2,3-cd)pyrene	5.6	**5.1**	**5.9**	**3.3**	**1.2**	**0.85**	**1.7**	**12**	**2.7**	**2.8**	**1.2**
Isophorone	NA	0.16 U	0.16 U	1.7 U	0.17 U	0.83 U	0.16 U	0.87 U	0.16 U	0.16 U	0.16 U
Naphthalene	500	**1.8**	**1.7**	**1 J**	**0.58**	**0.9 J**	**0.41**	**2.7**	**0.81**	**1.1**	**0.73**
Nitrobenzene	NA	0.16 U	0.16 U	1.7 U	0.17 U	0.83 U	0.16 U	0.87 U	0.16 U	0.16 U	0.16 U
N-Nitrosodi-n-propylamine	NA	0.18 U	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
N-Nitrosodiphenylamine	NA	0.14 U	0.14 U	1.5 U	0.15 U	0.74 U	0.14 U	0.77 U	0.15 U	0.14 U	0.15 U
Pentachlorophenol	6.7	0.14 U	0.14 U	1.5 U	0.15 U	0.74 U	0.14 U	0.77 U	0.15 U	0.14 U	0.15 U
Phenanthrene	500	**3.5**	**3.5**	**2.8**	**0.68**	**1.1**	**0.8**	**5.2**	**3.1**	**1.9**	**2.4**
Phenol	500	**0.037 J**	0.18 U	1.9 U	0.19 U	0.92 U	0.18 U	0.97 U	0.18 U	0.18 U	0.18 U
Pyrene	500	**11**	**5.6**	**6.6**	**1.2**	**2.7**	**1.6**	**46**	**4.4**	**4.1**	**2.6**
Inorganic Compounds (mg/kg)											
Aluminum	NA	**2400**	**2800**	**2790**	**3750**	**3700**	**4180**	**4130**	**3960**	**5520**	**4890**
Antimony	NA	**4.32**	**11**	**3.94 J**	**3.72 J**	**3.83 J**	**8.5**	**4.65 J**	**13.6**	**1.74 J**	**1.73 J**
Arsenic	16	**146**	**30**	**19**	**25**	**22**	**19**	**33**	**47**	**17**	**25**
Barium	400	**68.3**	**63.3**	**57.3**	**69.9**	**55.6**	**46.5**	**81.2**	**56.6**	**69.2**	**56.4**
Beryllium	590	**0.351 J**	**0.36 J**	**0.354 J**	**0.443**	**0.402 J**	**0.363 J**	**0.488 J**	**0.339 J**	**0.39 J**	**0.338 J**
Cadmium	9.3	**0.81 J**	0.86 U	**7.23**	0.875 U	0.859 U	0.875 U	**1.67 J**	0.856 U	**0.277 J**	0.847 U
Calcium	NA	**62100**	**36100**	**63700**	**21300**	**31400**	**40600**	**23300**	**30200**	**14800**	**30300**
Chromium	NA	**10.6**	**15.9**	**13.8**	**13.6**	**8.42**	**8.99**	**35.6**	**9.9**	**15.5**	**9.34**
Cobalt	NA	**4.92**	**5.1**	**4.3**	**5.04**	**5.67**	**5.53**	**7.47**	**5.5**	**5.44**	**4.68**
Copper	270	**87.8**	**164 J-**	**130 J-**	**99.6 J-**	**101 J-**	**99.9 J-**	**214 J-**	**111 J-**	**85.4 J-**	**60.8 J-**
Iron	NA	**22200**	**36600**	**27400**	**32300**	**23600**	**22000**	**58000**	**27900**	**21700**	**16600**
Lead	1000	**241**	**327**	**273**	**279**	**198**	**335**	**370**	**337**	**209**	**166**
Magnesium	NA	**7910**	**7980**	**15600**	**9520**	**14400**	**15700**	**6510**	**14000**	**5090**	**8720**
Manganese	10000	**258**	**371**	**367**	**335**	**283**	**337**	**571**	**409**	**389**	**425**
Mercury	2.8	**0.273**	**0.484**	**0.76**	**0.238**	**0.356**	**0.36**	**0.837**	**0.374**	**0.419**	**0.25**
Nickel	310	**14.6**	**22.9**	**20.5**	**14.2**	**14.3**	**15**	**46.5**	**18.3**	**14.6**	**10.8**
Potassium	NA	**303**	**287**	**437**	**351**	**438**	**508**	**353 J**	**474**	**459**	**485**
Selenium	1500	1.71 U	1.72 U	1.75 U	1.75 U	1.72 U	1.75 U	4.6 U	1.71 U	1.73 U	1.69 U
Silver	1500	**0.906**	**1.53**	**1.56**	**1.4**	**0.944**	**0.825**	**2.83**	**1.1**	**1.19**	**0.693**
Sodium	NA	**78.6 J**	**95.1 J**	**94.5 J**	**115 J**	**117 J**	**147 J**	**93.8 J**	**106 J**	**103 J**	**96.7 J**
Thallium	NA	**0.457 J**	**0.409 J**	**0.307 J**	**0.499 J**	**0.395 J**	**0.294 J**	4.6 U	**0.498 J**	1.73 U	1.69 U
Vanadium	NA	**10.9**	**10.6**	**11.5**	**13.3**	**12.6**	**13**	**17.7**	**13**	**15.2**	**13.8**
Zinc	10000	**166**	**194**	**2900**	**212**	**110**	**100**	**485**	**146**	**196**	**136**
Other											
Total Solids (%)	NA	**91.8**	**90.3**	**88**	**86.6**	**88.6**	**89.3**	**83.7**	**89.6**	**89.2**	**90.8**
Cyanide (mg/kg)	27	**0.23 J**	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U

Notes and Abbreviations:

*1. Results in **bold** are detected.*

2. Results qualifiers defined as follows:

U: Not detected above the indicated reporting limit.

J: Estimated result.

J-: Estimated result, low bias.

3. mg/kg = milligrams per kilogram

- Orange shading indicates an exceedance of the 6 NYCRR Part 375 Commercial Soil Cleanup Objective.

- Gray shading indicates interim documentation soil sample. Soils were

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name Sample Name Sample Date Sample Type Lab Sample ID	6 NYCRR Part 375 Commercial Soil Cleanup Objective	TB-DOC22 TB-DOC22-061224-1320 06/12/2024 Primary L2433099-10	TB-DOC23 TB-DOC23-061324-0800 06/13/2024 Primary L2433539-01	TB-DOC24 TB-DOC24-061324-0810 06/13/2024 Primary L2433539-02	TB-DOC25 TB-DOC25-061324-0830 06/13/2024 Primary L2433539-03	TB-DOC26 TB-DOC26-061324-0840 06/13/2024 Primary L2433539-04	TB-DOC27 TB-DOC27-061324-1010 06/13/2024 Primary L2433539-05	TB-DOC28 TB-DOC28-061324-1300 06/13/2024 Primary L2433539-06	TB-DOC29 TB-DOC29-061324-1310 06/13/2024 Primary L2433539-07	TB-DOC30 TB-DOC30-061324-1330 06/13/2024 Primary L2433539-08	TB-DOC31 TB-DOC31-061324-1340 06/13/2024 Primary L2433539-09 INTERIM
Volatile Organic Compounds (mg/kg)											
1,1,1-Trichloroethane	500	0.00054 U	0.00059 U	0.00065 U	0.00049 U	0.0005 U	0.00055 U	0.037 U	0.00055 U	0.00056 U	0.039 U
1,1,2,2-Tetrachloroethane	NA	0.00054 U	0.00059 U	0.00065 U	0.00049 U	0.0005 U	0.00055 U	0.037 U	0.00055 U	0.00056 U	0.039 U
1,1,2-Trichloroethane	NA	0.0011 U	0.0012 U	0.0013 U	0.00098 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.0011 U	0.079 U
1,1-Dichloroethane	240	0.0011 U	0.0012 U	0.0013 U	0.00098 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.0011 U	0.079 U
1,1-Dichloroethene	500	0.0011 U	0.0012 U	0.0013 U	0.00098 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.0011 U	0.079 U
1,2,3-Trichlorobenzene	NA	0.0022 U	0.0024 U	0.0026 U	0.002 U	0.002 U	0.0022 U	0.15 U	0.0022 U	0.0022 U	0.16 U
1,2,4-Trichlorobenzene	NA	0.0022 U	0.0024 U	0.0026 U	0.002 U	0.002 U	0.0022 U	0.15 U	0.0022 U	0.0022 U	0.16 U
1,2-Dibromo-3-chloropropane (DBCP)	NA	0.0033 U	0.0035 U	0.0039 U	0.003 U	0.003 U	0.0033 U	0.22 U	0.0033 U	0.0033 U	0.24 U
1,2-Dibromoethane (Ethylene Dibromide)	NA	0.0011 U	0.0012 U	0.0013 U	0.00098 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.0011 U	0.079 U
1,2-Dichlorobenzene	500	0.0022 U	0.0024 U	0.0026 U	0.002 U	0.002 U	0.0022 U	0.15 U	0.0022 U	0.0022 U	0.16 U
1,2-Dichloroethane	30	0.0011 U	0.0012 U	0.0013 U	0.00098 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.0011 U	**0.024 J**
1,2-Dichloropropane	NA	0.0011 U	0.0012 U	0.0013 U	0.00098 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.0011 U	0.079 U
1,3-Dichlorobenzene	280	0.0022 U	0.0024 U	0.0026 U	0.002 U	0.002 U	0.0022 U	0.15 U	0.0022 U	0.0022 U	0.16 U
1,4-Dichlorobenzene	130	0.0022 U	0.0024 U	0.0026 U	0.002 U	0.002 U	0.0022 U	0.15 U	0.0022 U	0.0022 U	0.16 U
1,4-Dioxane	130	0.087 U	0.094 U	0.1 U	0.079 U	0.08 U	0.088 U	5.9 U	0.088 U	0.089 U	6.3 U
2-Butanone (Methyl Ethyl Ketone)	500	0.011 U	0.012 U	0.013 U	0.0098 U	0.01 U	0.011 U	0.74 U	0.011 U	0.011 U	**0.25 J**
2-Hexanone (Methyl Butyl Ketone)	NA	0.011 U	0.012 U	0.013 U	0.0098 U	0.01 U	0.011 U	0.74 U	0.011 U	0.011 U	0.79 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	0.011 U	0.012 U	0.013 U	0.0098 U	0.01 U	0.011 U	0.74 U	0.011 U	0.011 U	0.79 U
Acetone	500	0.011 U	0.012 U	0.013 U	0.0098 U	0.01 U	0.011 U	0.74 U	0.011 U	0.011 U	**0.84**
Benzene	44	**0.00021 J**	0.00059 U	0.00065 U	0.00049 U	0.0005 U	0.00055 U	**0.093**	0.00055 U	0.00056 U	**0.35**
Bromodichloromethane	NA	0.00054 U	0.00059 U	0.00065 U	0.00049 U	0.0005 U	0.00055 U	0.037 U	0.00055 U	0.00056 U	0.039 U
Bromoform	NA	0.0044 U	0.0047 U	0.0052 U	0.0039 U	0.004 U	0.0044 U	0.3 U	0.0044 U	0.0044 U	0.32 U
Bromomethane (Methyl Bromide)	NA	0.0022 U	0.0024 U	0.0026 U	0.002 U	0.002 U	0.0022 U	0.15 U	0.0022 U	0.0022 U	0.16 U
Carbon disulfide	NA	0.011 U	0.012 U	0.013 U	0.0098 U	0.01 U	0.011 U	0.74 U	0.011 U	0.011 U	0.79 U
Carbon tetrachloride	22	0.0011 U	0.0012 U	0.0013 U	0.00098 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.0011 U	0.079 U
Chlorobenzene	500	0.00054 U	0.00059 U	0.00065 U	0.00049 U	0.0005 U	0.00055 U	0.037 U	0.00055 U	0.00056 U	0.039 U
Chlorobromomethane	NA	0.0022 U	0.0024 U	0.0026 U	0.002 U	0.002 U	0.0022 U	0.15 U	0.0022 U	0.0022 U	0.16 U
Chloroethane	NA	0.0022 U	0.0024 U	0.0026 U	0.002 U	0.002 U	0.0022 U	0.15 U	0.0022 U	0.0022 U	0.16 U
Chloroform (Trichloromethane)	350	0.0016 U	0.0018 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.11 U	0.0016 U	0.0017 U	0.12 U
Chloromethane (Methyl Chloride)	NA	0.0044 U	0.0047 U	0.0052 U	0.0039 U	0.004 U	0.0044 U	0.3 U	0.0044 U	0.0044 U	0.32 U
cis-1,2-Dichloroethene	500	0.0011 U	0.0012 U	**0.00032 J**	0.00098 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.0011 U	0.079 U
cis-1,3-Dichloropropene	NA	0.00054 U	0.00059 U	0.00065 U	0.00049 U	0.0005 U	0.00055 U	0.037 U	0.00055 U	0.00056 U	0.039 U
Cyclohexane	NA	0.011 U	0.012 U	0.013 U	0.0098 U	0.01 U	0.011 U	**0.27 J**	0.011 U	0.011 U	**0.7 J**
Dibromochloromethane	NA	0.0011 U	0.0012 U	0.0013 U	0.00098 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.0011 U	0.079 U
Dichlorodifluoromethane (CFC-12)	NA	0.011 U	0.012 U	0.013 U	0.0098 U	0.01 U	0.011 U	0.74 U	0.011 U	0.011 U	0.79 U
Ethylbenzene	390	0.0011 U	0.0012 U	0.0013 U	0.00098 U	0.001 U	0.0011 U	**0.091**	0.0011 U	0.0011 U	**0.24**
Isopropylbenzene (Cumene)	NA	0.0011 U	0.0012 U	0.0013 U	0.00098 U	0.001 U	0.0011 U	**0.044 J**	0.0011 U	0.0011 U	**0.083**
m,p-Xylenes	NA	0.0022 U	0.0024 U	0.0026 U	0.002 U	0.002 U	0.0022 U	**0.42**	0.0022 U	0.0022 U	**1**
Methyl acetate	NA	0.0044 U	0.0047 U	0.0052 U	0.0039 U	0.004 U	0.0044 U	**0.56**	0.0044 U	0.0044 U	**0.54**
Methyl Tert Butyl Ether (MTBE)	500	0.0022 U	0.0024 U	0.0026 U	0.002 U	0.002 U	0.0022 U	0.15 U	0.0022 U	0.0022 U	0.16 U
Methylcyclohexane	NA	**0.00071 J**	0.0047 U	0.0052 U	0.0039 U	0.004 U	0.0044 U	**0.76**	0.0044 U	0.0044 U	**1.8**
Methylene chloride (Dichloromethane)	500	0.0054 U	0.0059 U	0.0065 U	0.0049 U	0.005 U	0.0055 U	0.37 U	0.0055 U	0.0056 U	0.39 U
o-Xylene	NA	0.0011 U	0.0012 U	0.0013 U	0.00098 U	0.001 U	0.0011 U	**0.28**	0.0011 U	0.0011 U	**0.62**
Styrene	NA	0.0011 U	0.0012 U	0.0013 U	0.00098 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.0011 U	0.079 U
Tetrachloroethene	150	0.00054 U	0.00059 U	0.00065 U	0.00049 U	0.0005 U	0.00055 U	0.037 U	0.00055 U	0.00056 U	0.039 U
Toluene	500	0.0011 U	0.0012 U	0.0013 U	0.00098 U	0.001 U	0.0011 U	**0.39**	0.0011 U	0.0011 U	**1.1**
trans-1,2-Dichloroethene	500	0.0016 U	0.0018 U	0.0019 U	0.0015 U	0.0015 U	0.0016 U	0.11 U	0.0016 U	0.0017 U	0.12 U
trans-1,3-Dichloropropene	NA	0.0011 U	0.0012 U	0.0013 U	0.00098 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.0011 U	0.079 U
Trichloroethene	200	0.00054 U	0.00059 U	**0.0003 J**	0.00049 U	0.0005 U	0.00055 U	0.037 U	0.00055 U	0.00056 U	0.039 U
Trichlorofluoromethane (CFC-11)	NA	0.0044 U	0.0047 U	0.0052 U	0.0039 U	0.004 U	0.0044 U	0.3 U	0.0044 U	0.0044 U	0.32 U
Trifluorotrichloroethane (Freon 113)	NA	0.0044 U	0.0047 U	0.0052 U	0.0039 U	0.004 U	0.0044 U	0.3 U	0.0044 U	0.0044 U	0.32 U
Vinyl chloride	13	0.0011 U	0.0012 U	0.0013 U	0.00098 U	0.001 U	0.0011 U	0.074 U	0.0011 U	0.0011 U	0.079 U

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name Sample Name Sample Date Sample Type Lab Sample ID	6 NYCRR Part 375 Commercial Soil Cleanup Objective	TB-DOC22 TB-DOC22-061224-1320 06/12/2024 Primary L2433099-10	TB-DOC23 TB-DOC23-061324-0800 06/13/2024 Primary L2433539-01	TB-DOC24 TB-DOC24-061324-0810 06/13/2024 Primary L2433539-02	TB-DOC25 TB-DOC25-061324-0830 06/13/2024 Primary L2433539-03	TB-DOC26 TB-DOC26-061324-0840 06/13/2024 Primary L2433539-04	TB-DOC27 TB-DOC27-061324-1010 06/13/2024 Primary L2433539-05	TB-DOC28 TB-DOC28-061324-1300 06/13/2024 Primary L2433539-06	TB-DOC29 TB-DOC29-061324-1310 06/13/2024 Primary L2433539-07	TB-DOC30 TB-DOC30-061324-1330 06/13/2024 Primary L2433539-08	TB-DOC31 TB-DOC31-061324-1340 06/13/2024 Primary L2433539-09 INTERIM
Semi-Volatile Organic Compounds (mg/kg)											
1,2,4,5-Tetrachlorobenzene	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
1,4-Dioxane	130	-	-	-	-	-	-	-	-	-	0.026 U
2,2'-oxybis(1-Chloropropane)	NA	1 U	0.22 U	0.21 U	0.21 U	0.21 U	0.23 U	0.23 U	0.22 U	0.22 U	0.21 U
2,3,4,6-Tetrachlorophenol	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
2,4,5-Trichlorophenol	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
2,4,6-Trichlorophenol	NA	0.52 U	0.11 U	0.1 U	0.1 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U	0.1 U
2,4-Dichlorophenol	NA	0.78 U	0.16 U	0.16 U	0.16 U	0.16 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U
2,4-Dimethylphenol	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
2,4-Dinitrophenol	NA	4.1 U	0.86 U	0.84 U	0.84 U	0.85 U	0.93 U	0.91 U	0.88 U	0.87 U	0.84 U
2,4-Dinitrotoluene	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
2,6-Dinitrotoluene	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
2-Chloronaphthalene	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
2-Chlorophenol	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
2-Methylnaphthalene	NA	**0.5 J**	**0.47**	**0.36**	**0.063 J**	**0.29**	**0.39**	**1.1**	**0.18 J**	**0.28**	**1.2**
2-Methylphenol (o-Cresol)	500	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	**0.034 J**
2-Nitroaniline	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
2-Nitrophenol	NA	1.9 U	0.39 U	0.38 U	0.38 U	0.38 U	0.42 U	0.41 U	0.4 U	0.39 U	0.38 U
3&4-Methylphenol	NA	1.2 U	**0.092 J**	0.25 U	0.25 U	**0.033 J**	0.28 U	**0.048 J**	0.26 U	0.26 U	**0.062 J**
3,3'-Dichlorobenzidine	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
3-Nitroaniline	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
4,6-Dinitro-2-methylphenol	NA	2.2 U	0.47 U	0.45 U	0.46 U	0.46 U	0.5 U	0.49 U	0.48 U	0.47 U	0.46 U
4-Bromophenyl phenyl ether (BDE-3)	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
4-Chloro-3-methylphenol	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
4-Chloroaniline	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
4-Chlorophenyl phenyl ether	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
4-Nitroaniline	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
4-Nitrophenol	NA	1.2 U	0.25 U	0.24 U	0.24 U	0.25 U	0.27 U	0.27 U	0.26 U	0.25 U	0.25 U
Acenaphthene	500	**0.19 J**	**0.18**	**0.076 J**	**0.025 J**	**0.16**	**0.18**	**0.1 J**	**0.035 J**	**0.06 J**	**0.22**
Acenaphthylene	500	**3.3**	**1.2**	**0.31 J**	**0.061 J**	**3.5**	**2.7**	**0.99**	**1.1**	**0.24**	**0.93**
Acetophenone	NA	0.86 U	0.18 U	**0.045 J**	0.18 U	**0.068 J**	**0.058 J**	**0.17 J**	**0.042 J**	**0.057 J**	**0.18**
Anthracene	500	**1.4**	**1.3**	**0.43 J**	**0.11**	**1.5**	**5.6**	**1**	**0.56**	**0.23**	**1.4**
Atrazine	NA	0.69 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U
Benzaldehyde	NA	1.1 U	**0.16 J**	0.23 U	0.23 U	0.23 U	0.25 U	0.25 U	0.24 U	0.24 U	0.23 U
Benzo(a)anthracene	5.6	**4.**	**5.2**	**1.5**	**0.4**	**3.8**	**4.2**	**2.6**	**2.3**	**2.3**	**2.5**
Benzo(a)pyrene	1	**10**	**5**	**1.8**	**0.46**	**4.9**	**4.5**	**2.4**	**3.1**	**3.1**	**3.2**
Benzo(b)fluoranthene	5.6	**8.1**	**6.9**	**3.2**	**0.63**	**5.4**	**5.3**	**4.2**	**3.5**	**14**	**4.8**
Benzo(g,h,i)perylene	500	**11**	**3.2**	**1.7**	**0.33**	**4.7**	**4.1**	**2.1**	**3**	**4.8**	**2.6**
Benzo(k)fluoranthene	56	**2.1**	**1.7**	**0.65**	**0.21**	**1.3**	**1.5**	**0.97**	**0.71**	**1.2**	**1.3**
Biphenyl	NA	**0.13 J**	**0.078 J**	**0.056 J**	0.4 U	**0.14 J**	**0.1 J**	**0.12 J**	**0.058 J**	**0.036 J**	**0.14 J**
bis(2-Chloroethoxy)methane	NA	0.93 U	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.2 U	0.2 U	0.2 U	0.19 U
bis(2-Chloroethyl)ether	NA	0.78 U	0.16 U	0.16 U	0.16 U	0.16 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U
bis(2-Ethylhexyl)phthalate	NA	0.86 U	**0.093 J**	0.17 U	**1.1**	0.18 U	**0.099 J**	**0.11 J**	0.18 U	0.18 U	0.18 U
Butyl benzylphthalate (BBP)	NA	0.86 U	**0.16 J**	0.17 U	**0.12 J**	0.18 U	**0.06 J**	**0.28**	0.18 U	0.18 U	**0.44**
Caprolactam	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
Carbazole	NA	**0.16 J**	**0.27**	**0.29**	**0.056 J**	**0.12 J**	**0.12 J**	**0.31**	**0.03 J**	**0.12 J**	**0.37**
Chrysene	56	**5.3**	**4.9**	**2.**	**0.42**	**3.4**	**4.1**	**2.5**	**2.1**	**3.6**	**2.8**
Dibenz(a,h)anthracene	0.56	**1.7**	**0.63**	**0.31**	**0.057 J**	**0.44**	**0.44**	**0.37**	**0.31**	**1.4**	**0.46**
Dibenzofuran	350	**0.19 J**	**0.24**	**0.14 J**	**0.031 J**	**0.11 J**	**0.15 J**	**0.35**	**0.067 J**	**0.11 J**	**0.44**
Diethyl phthalate	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
Dimethyl phthalate	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
Di-n-butylphthalate (DBP)	NA	0.86 U	**0.21**	0.17 U	0.18 U	0.18 U	0.19 U	**0.039 J**	0.18 U	**0.04 J**	**0.12 J**
Di-n-octyl phthalate (DnOP)	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name		TB-DOC22	TB-DOC23	TB-DOC24	TB-DOC25	TB-DOC26	TB-DOC27	TB-DOC28	TB-DOC29	TB-DOC30	TB-DOC31
Sample Name		TB-DOC22-061224-1320	TB-DOC23-061324-0800	TB-DOC24-061324-0810	TB-DOC25-061324-0830	TB-DOC26-061324-0840	TB-DOC27-061324-1010	TB-DOC28-061324-1300	TB-DOC29-061324-1310	TB-DOC30-061324-1330	TB-DOC31-061324-1340
Sample Date		06/12/2024	06/13/2024	06/13/2024	06/13/2024	06/13/2024	06/13/2024	06/13/2024	06/13/2024	06/13/2024	06/13/2024
Sample Type	6 NYCRR Part 375 Commercial Soil Cleanup Objective	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Lab Sample ID		L2433099-10	L2433539-01	L2433539-02	L2433539-03	L2433539-04	L2433539-05	L2433539-06	L2433539-07	L2433539-08	L2433539-09 INTERIM
Fluoranthene	500	**5.8**	**11**	**2.7 J**	**0.85**	**6.3**	**7.3**	**3.6**	**3.3**	**2.2**	**3.8**
Fluorene	500	**0.62 J**	**0.33**	**0.093 J**	**0.031 J**	**0.38**	**0.56**	**0.18 J**	**0.088 J**	**0.072 J**	**0.28**
Hexachlorobenzene	6	0.52 U	0.11 U	0.1 U	0.1 U	0.11 U	0.12 U	0.11 U	0.11 U	0.11 U	0.1 U
Hexachlorobutadiene	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
Hexachlorocyclopentadiene	NA	2.5 U	0.52 U	0.5 U	0.5 U	0.51 U	0.55 U	0.54 U	0.52 U	0.52 U	0.5 U
Hexachloroethane	NA	0.69 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U
Indeno(1,2,3-cd)pyrene	5.6	**6.2**	**3**	**1.4**	**0.29**	**3.3**	**3.1**	**1.9**	**2.2**	**4.5**	**2.3**
Isophorone	NA	0.78 U	0.16 U	0.16 U	0.16 U	0.16 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U
Naphthalene	500	**0.81 J**	**0.54**	**0.35 J**	**0.073 J**	**0.92**	**0.54**	**1**	**0.27**	**0.23**	**1.1**
Nitrobenzene	NA	0.78 U	0.16 U	0.16 U	0.16 U	0.16 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U
N-Nitrosodi-n-propylamine	NA	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
N-Nitrosodiphenylamine	NA	0.69 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U
Pentachlorophenol	6.7	0.69 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U
Phenanthrene	500	**2**	**4.1**	**1.2**	**0.4**	**2.6**	**6.8**	**1.9**	**1.1**	**1**	**2.4**
Phenol	500	0.86 U	0.18 U	0.17 U	0.18 U	0.18 U	0.19 U	0.19 U	0.18 U	0.18 U	0.18 U
Pyrene	500	**14**	**11**	**2.6**	**0.72**	**16**	**20**	**3.5**	**4.6**	**2**	**3.4**
Inorganic Compounds (mg/kg)											
Aluminum	NA	**3740**	**4410**	**3640**	**3770**	**3850**	**3760**	**3110**	**3090**	**3840**	**2900**
Antimony	NA	4.12 U	4.25 U	8.37 U	4.23 U	4.27 U	4.54 U	4.54 U	4.3 U	4.32 U	**5.45**
Arsenic	16	**7.7**	**14**	**17**	**5.37**	**8.3**	**26**	**33**	**7.23**	**10.1**	**39.6**
Barium	400	**32**	**62.7**	**103**	**33.4**	**43.4**	**94.7**	**71.1**	**38.5**	**86.9**	**71.6**
Beryllium	590	**0.238 J**	**0.321 J**	**0.305 J**	**0.221 J**	**0.25 J**	**0.276 J**	**0.283 J**	**0.236 J**	**0.273 J**	**0.26 J**
Cadmium	9.3	0.823 U	**1.45**	**3.53**	**0.275 J**	**0.215 J**	**0.467 J**	**1.48**	**0.211 J**	**0.401 J**	**1.05**
Calcium	NA	**13400**	**21300**	**26300**	**83100**	**42400**	**20800**	**59800**	**19800**	**17300**	**15200**
Chromium	NA	**6.81**	**22.8**	**77.2 J**	**8.38**	**7.68**	**8.4**	**14.8**	**6.25**	**10.8**	**10.1**
Cobalt	NA	**4.06**	**4.42**	**11.9**	**2.89**	**3.7**	**4.24**	**3.68**	**3.93**	**4.31**	**3.5**
Copper	270	**25.6 J-**	**116**	**411**	**29.4**	**36.3**	**57.2**	**115**	**32.8**	**55.5**	**108**
Iron	NA	**10900**	**19900**	**53000**	**10100**	**13200**	**14000**	**18700**	**10900**	**33200**	**19200**
Lead	1000	**84.8**	**228**	**430**	**60.8**	**120**	**206**	**300**	**162**	**130**	**314**
Magnesium	NA	**4250**	**10300**	**9020**	**25400**	**7660**	**6160**	**14900**	**4270**	**6220**	**5170**
Manganese	10000	**331**	**331**	**794**	**296**	**348**	**247**	**279**	**234**	**412**	**232**
Mercury	2.8	**0.194**	**0.35**	**14.1 J**	**0.07 J**	**0.306**	**0.44**	**0.336**	**0.409**	**0.421**	**0.55**
Nickel	310	**8.83**	**30.4**	**105 J**	**9.6**	**8.08**	**9.41**	**15.9**	**8.7**	**113**	**16**
Potassium	NA	**404**	**480**	**402 J**	**680**	**463**	**520**	**458**	**341**	**418**	**349**
Selenium	1500	1.65 U	**0.772 J**	**1.34 J**	1.69 U	**0.259 J**	**0.585 J**	**1.06 J**	**0.517 J**	**0.555 J**	**1.07 J**
Silver	1500	**0.476**	**0.717**	**1.51**	0.423 U	0.427 U	**0.366 J**	**0.811**	**0.369 J**	**0.271 J**	**0.654**
Sodium	NA	**63.3 J**	**61.4 J**	**117 J**	**145 J**	**76.5 J**	**101 J**	**82.4 J**	**61.6 J**	**101 J**	**70.5 J**
Thallium	NA	1.65 U	1.7 U	3.35 U	1.69 U	1.71 U	**0.352 J**	1.82 U	1.72 U	**0.29 J**	1.68 U
Vanadium	NA	**10.8**	**13.1**	**15.2**	**10.2**	**12**	**10.6**	**11.2**	**10.3**	**12.8**	**8.17**
Zinc	10000	**50.1**	**563**	**474**	**71.7**	**75.4**	**186**	**428**	**62**	**83.3**	**286**
Other											
Total Solids (%)	NA	**94.6**	**91.5**	**93.2**	**93.6**	**93**	**84.7**	**86.6**	**89.7**	**91**	**93.1**
Cyanide (mg/kg)	27	0.98 U	**0.31 J**	**0.73 J**	1 U	0.99 U	**0.26 J**	1.1 U	1.1 U	1 U	**0.27 J**

Notes and Abbreviations:

*1. Results in **bold** are detected.*

2. Results qualifiers defined as follows:

U: Not detected above the indicated reporting limit.

J: Estimated result.

J-: Estimated result, low bias.

3. mg/kg = milligrams per kilogram

- Orange shading indicates an exceedance of the 6 NYCRR Part 375 Commercial Soil Cleanup Objective.

- Gray shading indicates interim documentation soil sample. Soils were

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name Sample Name Sample Date Sample Type Lab Sample ID	6 NYCRR Part 375 Commercial Soil Cleanup Objective	TB-DOC32 TB-DOC32-061324-1410 06/13/2024 Primary L2433539-10	TB-DOC33 TB-DOC33-061324-1420 06/13/2024 Primary L2433539-11 INTERIM	TB-DOC34 TB-DOC34-061424-0820 06/14/2024 Primary L2433822-08	TB-DOC35 TB-DOC35-061424-0830 06/14/2024 Primary L2433822-09	TB-DOC36 TB-DOC36-061424-0900 06/14/2024 Primary L2433822-01	TB-DOC37 TB-DOC37-061424-0910 06/14/2024 Primary L2433822-02	TB-DOC38 TB-DOC38-061824-0810 06/18/2024 Primary L2434436-01	TB-DOC39 TB-DOC39-061824-0820 06/18/2024 Primary L2434436-02	TB-DOC40 TB-DOC40-061824-0850 06/18/2024 Primary L2434436-03	TB-DOC41 TB-DOC41-061824-0900 06/18/2024 Primary L2434436-04
Volatile Organic Compounds (mg/kg)											
1,1,1-Trichloroethane	500	0.00052 U	0.0008 U	0.00063 U	0.00063 U	0.00056 U	0.00053 U	0.024 U	0.043 U	0.026 U	0.037 U
1,1,2,2-Tetrachloroethane	NA	0.00052 U	0.0008 U	0.00063 U	0.00063 U	0.00056 U	0.00053 U	0.024 U	0.043 U	0.026 U	0.037 U
1,1,2-Trichloroethane	NA	0.001 U	0.0016 UJ	0.0012 U	0.0013 U	0.0011 U	0.001 U	0.047 U	0.087 U	0.052 U	0.074 U
1,1-Dichloroethane	240	0.001 U	0.0016 UJ	0.0012 U	0.0013 U	0.0011 U	0.001 U	0.047 U	0.087 U	0.052 U	0.074 U
1,1-Dichloroethene	500	0.001 U	0.0016 UJ	0.0012 U	0.0013 U	0.0011 U	0.001 U	0.047 U	0.087 U	0.052 U	0.074 U
1,2,3-Trichlorobenzene	NA	0.0021 U	0.0032 R	0.0025 U	0.0025 U	0.0022 U	0.0021 U	0.094 U	0.17 U	0.1 U	0.15 U
1,2,4-Trichlorobenzene	NA	0.0021 U	**0.0007 J**	0.0025 U	0.0025 U	0.0022 U	0.0021 U	0.094 U	0.17 U	0.1 U	0.15 U
1,2-Dibromo-3-chloropropane (DBCP)	NA	0.0032 U	0.0048 UJ	0.0038 U	0.0038 U	0.0034 U	0.0032 U	0.14 U	0.26 U	0.16 U	0.22 U
1,2-Dibromoethane (Ethylene Dibromide)	NA	0.001 U	0.0016 UJ	0.0012 U	0.0013 U	0.0011 U	0.001 U	0.047 U	0.087 U	0.052 U	0.074 U
1,2-Dichlorobenzene	500	0.0021 U	0.0032 UJ	0.0025 U	0.0025 U	0.0022 U	0.0021 U	0.094 U	0.17 U	0.1 U	0.15 U
1,2-Dichloroethane	30	0.001 U	0.0016 UJ	0.0012 U	0.0013 U	0.0011 U	0.001 U	0.047 U	0.087 U	0.052 U	0.074 U
1,2-Dichloropropane	NA	0.001 U	0.0016 U	0.0012 U	0.0013 U	0.0011 U	0.001 U	0.047 U	0.087 U	0.052 U	0.074 U
1,3-Dichlorobenzene	280	0.0021 U	0.0032 UJ	0.0025 U	0.0025 U	0.0022 U	0.0021 U	0.094 U	0.17 U	0.1 U	0.15 U
1,4-Dichlorobenzene	130	0.0021 U	**0.00027 J**	0.0025 U	0.0025 U	0.0022 U	0.0021 U	0.094 U	0.17 U	0.1 U	0.15 U
1,4-Dioxane	130	0.084 U	0.13 U	0.1 U	0.1 U	0.09 U	0.084 U	3.8 U	7 U	4.2 U	6 U
2-Butanone (Methyl Ethyl Ketone)	500	0.01 U	0.016 U	0.012 U	0.013 U	0.011 U	0.01 U	0.47 U	0.87 U	0.52 U	0.74 U
2-Hexanone (Methyl Butyl Ketone)	NA	0.01 U	0.016 UJ	0.012 U	0.013 U	0.011 U	0.01 U	0.47 U	0.87 U	0.52 U	0.74 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	0.01 U	0.016 U	0.012 U	0.013 U	0.011 U	0.01 U	0.47 U	0.87 U	0.52 U	0.74 U
Acetone	500	**0.006 J**	0.016 U	0.012 U	0.013 U	0.011 U	0.01 U	0.47 U	0.87 U	0.52 U	0.74 U
Benzene	44	0.00052 U	0.0008 UJ	0.00063 U	0.00063 U	0.00056 U	0.00053 U	**0.12**	**0.19**	**0.081**	**0.11**
Bromodichloromethane	NA	0.00052 U	0.0008 UJ	0.00063 U	0.00063 U	0.00056 U	0.00053 U	0.024 U	0.043 U	0.026 U	0.037 U
Bromoform	NA	0.0042 U	0.0064 UJ	0.005 U	0.0051 U	0.0045 U	0.0042 U	0.19 U	0.35 U	0.21 U	0.3 U
Bromomethane (Methyl Bromide)	NA	0.0021 U	0.0032 U	0.0025 U	0.0025 U	0.0022 U	0.0021 U	0.094 U	0.17 U	0.1 U	0.15 U
Carbon disulfide	NA	0.01 U	0.016 UJ	0.012 U	0.013 U	0.011 U	0.01 U	0.47 U	0.87 U	0.52 U	0.74 U
Carbon tetrachloride	22	0.001 U	0.0016 U	0.0012 U	0.0013 U	0.0011 U	0.001 U	0.047 U	0.087 U	0.052 U	0.074 U
Chlorobenzene	500	0.00052 U	0.0008 UJ	0.00063 U	0.00063 U	0.00056 U	0.00053 U	0.024 U	0.043 U	0.026 U	0.037 U
Chlorobromomethane	NA	0.0021 U	0.0032 UJ	0.0025 U	0.0025 U	0.0022 U	0.0021 U	0.094 U	0.17 U	0.1 U	0.15 U
Chloroethane	NA	0.0021 U	0.0032 U	0.0025 U	0.0025 U	0.0022 U	0.0021 U	0.094 U	0.17 U	0.1 U	0.15 U
Chloroform (Trichloromethane)	350	0.0016 U	0.0024 UJ	0.0019 U	0.0019 U	0.0017 U	0.0016 U	0.071 U	**0.026 J**	0.078 U	0.11 U
Chloromethane (Methyl Chloride)	NA	0.0042 U	0.0064 U	0.005 U	0.0051 U	0.0045 U	0.0042 U	0.19 U	0.35 U	0.21 U	0.3 U
cis-1,2-Dichloroethene	500	0.001 U	0.0016 UJ	0.0012 U	0.0013 U	0.0011 U	0.001 U	0.047 U	0.087 U	0.052 U	0.074 U
cis-1,3-Dichloropropene	NA	0.00052 U	0.0008 UJ	0.00063 U	0.00063 U	0.00056 U	0.00053 U	0.024 U	0.043 U	0.026 U	0.037 U
Cyclohexane	NA	0.01 U	0.016 U	0.012 U	0.013 U	0.011 U	0.01 U	**0.34 J**	**0.5 J**	**0.21 J**	**0.52 J**
Dibromochloromethane	NA	0.001 U	0.0016 UJ	0.0012 U	0.0013 U	0.0011 U	0.001 U	0.047 U	0.087 U	0.052 U	0.074 U
Dichlorodifluoromethane (CFC-12)	NA	0.01 U	0.016 U	0.012 U	0.013 U	0.011 U	0.01 U	0.47 U	0.87 U	0.52 U	0.74 U
Ethylbenzene	390	0.001 U	0.0016 UJ	0.0012 U	0.0013 U	0.0011 U	0.001 U	**0.11**	**0.15**	**0.07**	**0.12**
Isopropylbenzene (Cumene)	NA	0.001 U	0.0016 UJ	0.0012 U	0.0013 U	0.0011 U	0.001 U	**0.084**	**0.12**	**0.055**	**0.11**
m,p-Xylenes	NA	0.0021 U	0.0032 UJ	0.0025 U	0.0025 U	0.0022 U	0.0021 U	**0.56**	**0.73**	**0.34**	**0.58**
Methyl acetate	NA	0.0042 U	0.0064 U	0.005 U	0.0051 U	0.0045 U	0.0042 U	**0.2**	**0.51**	**0.16 J**	**0.38**
Methyl Tert Butyl Ether (MTBE)	500	0.0021 U	0.0032 U	0.0025 U	0.0025 U	0.0022 U	0.0021 U	0.094 U	0.17 U	0.1 U	0.15 U
Methylcyclohexane	NA	0.0042 U	0.0064 UJ	0.005 U	0.0051 U	0.0045 U	0.0042 U	**1.1**	**1.5**	**0.63**	**1.8**
Methylene chloride (Dichloromethane)	500	0.0052 U	0.008 UJ	0.0063 U	0.0063 U	0.0056 U	0.0053 U	0.24 U	0.43 U	0.26 U	0.37 U
o-Xylene	NA	0.001 U	0.0016 UJ	0.0012 U	0.0013 U	0.0011 U	0.001 U	**0.41**	**0.55**	**0.25**	**0.46**
Styrene	NA	0.001 U	0.0016 UJ	0.0012 U	0.0013 U	0.0011 U	0.001 U	**0.035 J**	**0.056 J**	**0.047 J**	**0.063 J**
Tetrachloroethene	150	0.00052 U	0.0008 UJ	0.00063 U	0.00063 U	0.00056 U	0.00053 U	**0.019 J**	**0.046**	0.026 U	**0.078**
Toluene	500	0.001 U	0.0016 UJ	0.0012 U	0.0013 U	0.0011 U	0.001 U	**0.57**	**0.81**	**0.46**	**0.63**
trans-1,2-Dichloroethene	500	0.0016 U	0.0024 UJ	0.0019 U	0.0019 U	0.0017 U	0.0016 U	0.071 U	0.13 U	0.078 U	0.11 U
trans-1,3-Dichloropropene	NA	0.001 U	0.0016 R	0.0012 U	0.0013 U	0.0011 U	0.001 U	0.047 U	0.087 U	0.052 U	0.074 U
Trichloroethene	200	0.00052 U	**0.00096 J**	0.00063 U	0.00063 U	0.00056 U	0.00053 U	**0.38**	**0.56**	**0.23**	**13**
Trichlorofluoromethane (CFC-11)	NA	0.0042 U	0.0064 U	0.005 U	0.0051 U	0.0045 U	0.0042 U	0.19 U	0.35 U	0.21 U	0.3 U
Trifluorotrichloroethane (Freon 113)	NA	0.0042 U	0.0064 U	0.005 U	0.0051 U	0.0045 U	0.0042 U	0.19 U	0.35 U	0.21 U	0.3 U
Vinyl chloride	13	0.001 U	0.0016 U	0.0012 U	0.0013 U	0.0011 U	0.001 U	0.047 U	0.087 U	0.052 U	0.074 U

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name		TB-DOC32	TB-DOC33	TB-DOC34	TB-DOC35	TB-DOC36	TB-DOC37	TB-DOC38	TB-DOC39	TB-DOC40	TB-DOC41
Sample Name		TB-DOC32-061324-1410	TB-DOC33-061324-1420	TB-DOC34-061424-0820	TB-DOC35-061424-0830	TB-DOC36-061424-0900	TB-DOC37-061424-0910	TB-DOC38-061824-0810	TB-DOC39-061824-0820	TB-DOC40-061824-0850	TB-DOC41-061824-0900
Sample Date		06/13/2024	06/13/2024	06/14/2024	06/14/2024	06/14/2024	06/14/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024
Sample Type	6 NYCRR Part 375 Commercial Soil Cleanup Objective	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Lab Sample ID		L2433539-10	L2433539-11 INTERIM	L2433822-08	L2433822-09	L2433822-01	L2433822-02	L2434436-01	L2434436-02	L2434436-03	L2434436-04
Semi-Volatile Organic Compounds (mg/kg)											
1,2,4,5-Tetrachlorobenzene	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
1,4-Dioxane	130	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	0.22 U	2.2 U	0.21 U	1 U	0.21 U	2 U	0.2 U	2.2 U	2 U	2.2 U
2,3,4,6-Tetrachlorophenol	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
2,4,5-Trichlorophenol	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
2,4,6-Trichlorophenol	NA	0.11 U	1.1 U	0.1 U	0.53 U	0.11 U	1 U	0.1 U	1.1 U	1 U	1.1 U
2,4-Dichlorophenol	NA	0.16 U	1.7 U	0.16 U	0.79 U	0.16 U	1.5 U	0.15 U	1.6 U	1.5 U	1.6 U
2,4-Dimethylphenol	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	**0.067 J**	1.8 U	1.7 U	1.8 U
2,4-Dinitrophenol	NA	0.88 U	8.9 U	0.83 U	4.2 U	0.86 U	8 U	0.81 U	8.6 U	8.2 U	8.6 U
2,4-Dinitrotoluene	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
2,6-Dinitrotoluene	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
2-Chloronaphthalene	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
2-Chlorophenol	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
2-Methylnaphthalene	NA	**0.088 J**	**2 J**	**0.4**	**0.65 J**	**0.48 J**	**0.92 J**	**1.4**	**1 J**	**0.4 J**	**1.6 J**
2-Methylphenol (o-Cresol)	500	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
2-Nitroaniline	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
2-Nitrophenol	NA	0.4 U	4 U	0.37 U	1.9 U	0.38 U	3.6 U	0.37 U	3.9 U	3.7 U	3.9 U
3&4-Methylphenol	NA	**0.04 J**	2.7 U	0.25 U	1.3 U	0.26 U	2.4 U	**0.081 J**	2.6 U	2.4 U	2.6 U
3,3'-Dichlorobenzidine	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
3-Nitroaniline	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
4,6-Dinitro-2-methylphenol	NA	0.48 U	4.8 U	0.45 U	2.3 U	0.46 U	4.4 U	0.44 U	4.7 U	4.4 U	4.7 U
4-Bromophenyl phenyl ether (BDE-3)	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
4-Chloro-3-methylphenol	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
4-Chloroaniline	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
4-Chlorophenyl phenyl ether	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
4-Nitroaniline	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
4-Nitrophenol	NA	0.26 U	2.6 U	0.24 U	1.2 U	0.25 U	2.3 U	0.24 U	2.5 U	2.4 U	2.5 U
Acenaphthene	500	**0.064 J**	**0.42 J**	**0.057 J**	**0.11 J**	**0.12 J**	**0.66 J**	**0.3**	**0.23 J**	1.4 U	1.4 U
Acenaphthylene	500	**0.2**	**1.4 J**	**0.74**	**1.2**	**1.8**	**15**	**2.3**	**1.7**	**0.75 J**	**3**
Acetophenone	NA	**0.024 J**	1.9 U	0.17 U	0.88 U	0.18 U	**0.21 J**	0.17 U	1.8 U	1.7 U	1.8 U
Anthracene	500	**0.28**	**1.6**	**0.53**	**0.71**	**1.1**	**4.2**	**2.3**	**2.6**	**0.95 J**	**1.7**
Atrazine	NA	0.15 U	1.5 U	0.14 U	0.7 U	0.14 U	1.3 U	0.14 U	1.4 U	1.4 U	1.4 U
Benzaldehyde	NA	0.24 U	2.5 U	0.23 U	1.2 U	0.24 U	2.2 U	0.22 U	2.4 U	2.2 U	2.4 U
Benzo(a)anthracene	5.6	**0.98**	**2.8**	**1.6**	**2.8**	**2.6**	**15**	**8**	**5.4**	**3.5**	**8.7**
Benzo(a)pyrene	1	**2.3**	**2.8**	**1.7**	**3.4**	**2.9**	**26**	**9**	**5.4**	**4**	**8.7**
Benzo(b)fluoranthene	5.6	**2.5**	**4.5**	**2.2**	**4.2**	**3.3**	**22**	**13**	**8.9**	**5.5**	**13**
Benzo(g,h,i)perylene	500	**1.6**	**3.1**	**1.7**	**3**	**3.1**	**30**	**5.3**	**3.9**	**3.1**	**4.5**
Benzo(k)fluoranthene	56	**0.6**	**1 J**	**0.54**	**1.3**	**0.8**	**7.2**	**2.2**	**2.4**	**1.8**	**4.7**
Biphenyl	NA	**0.029 J**	**0.32 J**	**0.068 J**	2 U	**0.082 J**	**0.45 J**	**0.14 J**	4.1 U	3.9 U	4.1 U
bis(2-Chloroethoxy)methane	NA	0.2 U	2 U	0.19 U	0.95 U	0.19 U	1.8 U	0.18 U	1.9 U	1.8 U	1.9 U
bis(2-Chloroethyl)ether	NA	0.16 U	1.7 U	0.16 U	0.79 U	0.16 U	1.5 U	0.15 U	1.6 U	1.5 U	1.6 U
bis(2-Ethylhexyl)phthalate	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	**0.084 J**	1.8 U	1.7 U	1.8 U
Butyl benzylphthalate (BBP)	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	**0.12 J**	**1.8**	1.7 U	**0.81 J**
Caprolactam	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
Carbazole	NA	**0.069 J**	**0.47 J**	**0.11 J-**	**0.16 J**	**0.12 J-**	1.7 R	**0.33**	**0.59 J**	**0.47 J**	**0.52 J**
Chrysene	56	**0.94**	**3.9**	**1.6**	**2.7**	**2.7**	**14**	**6.6**	**5.9**	**4**	**7.3**
Dibenz(a,h)anthracene	0.56	**0.35**	**0.66 J**	**0.3**	**0.56**	**0.45**	**2.8**	**1.2**	**0.99 J**	**0.65 J**	**1.5**
Dibenzofuran	350	**0.076 J**	**0.9 J**	**0.13 J**	**0.21 J**	**0.17 J**	**0.21 J**	**0.51**	**0.43 J**	**0.19 J**	**0.74 J**
Diethyl phthalate	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
Dimethyl phthalate	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
Di-n-butylphthalate (DBP)	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
Di-n-octyl phthalate (DnOP)	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name		TB-DOC32	TB-DOC33	TB-DOC34	TB-DOC35	TB-DOC36	TB-DOC37	TB-DOC38	TB-DOC39	TB-DOC40	TB-DOC41
Sample Name		TB-DOC32-061324-1410	TB-DOC33-061324-1420	TB-DOC34-061424-0820	TB-DOC35-061424-0830	TB-DOC36-061424-0900	TB-DOC37-061424-0910	TB-DOC38-061824-0810	TB-DOC39-061824-0820	TB-DOC40-061824-0850	TB-DOC41-061824-0900
Sample Date		06/13/2024	06/13/2024	06/14/2024	06/14/2024	06/14/2024	06/14/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024
Sample Type	6 NYCRR Part 375 Commercial Soil Cleanup Objective	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Lab Sample ID		L2433539-10	L2433539-11 INTERIM	L2433822-08	L2433822-09	L2433822-01	L2433822-02	L2434436-01	L2434436-02	L2434436-03	L2434436-04
Fluoranthene	500	**0.98**	**5.1**	**2.7**	**4.6**	**5.2**	**34**	**10**	**9.4**	**7**	**8.7**
Fluorene	500	**0.084 J**	**0.57 J**	0.17 U	**0.17 J**	**0.31**	**2.2**	**0.4**	**0.36 J**	**0.22 J**	**0.31 J**
Hexachlorobenzene	6	0.11 U	1.1 U	0.1 U	0.53 U	0.11 U	1 U	0.1 U	1.1 U	1 U	1.1 U
Hexachlorobutadiene	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
Hexachlorocyclopentadiene	NA	0.52 U	5.3 U	0.5 U	2.5 U	0.51 U	4.8 U	0.48 U	5.2 U	4.9 U	5.2 U
Hexachloroethane	NA	0.15 U	1.5 U	0.14 U	0.7 U	0.14 U	1.3 U	0.14 U	1.4 U	1.4 U	1.4 U
Indeno(1,2,3-cd)pyrene	5.6	**1.5**	**2.1**	**1.3**	**2**	**2.3**	**16**	**5.5**	**3.8**	**2.7**	**5.2**
Isophorone	NA	0.16 U	1.7 U	0.16 U	0.79 U	0.16 U	1.5 U	0.15 U	1.6 U	1.5 U	1.6 U
Naphthalene	500	**0.14 J**	**2.1**	**0.46**	**0.95**	**0.56 J**	**2.4**	**2.2**	**0.94 J**	**0.35 J**	**1.8**
Nitrobenzene	NA	0.16 U	1.7 U	0.16 U	0.79 U	0.16 U	1.5 U	0.15 U	1.6 U	1.5 U	1.6 U
N-Nitrosodi-n-propylamine	NA	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
N-Nitrosodiphenylamine	NA	0.15 U	1.5 U	0.14 U	0.7 U	0.14 U	1.3 U	0.14 U	1.4 U	1.4 U	1.4 U
Pentachlorophenol	6.7	0.15 U	1.5 U	0.14 U	0.7 U	0.14 U	1.3 U	0.14 U	1.4 U	1.4 U	1.4 U
Phenanthrene	500	**0.67**	**3.6**	**1.1**	**1.8**	**2.6**	**17**	**2.5**	**2.3**	**2.8**	**2.6**
Phenol	500	0.18 U	1.9 U	0.17 U	0.88 U	0.18 U	1.7 U	0.17 U	1.8 U	1.7 U	1.8 U
Pyrene	500	**0.84**	**5.9**	**3.1**	**5.8**	**9.1**	**53**	**11**	**10**	**6.8**	**9.9**
Inorganic Compounds (mg/kg)											
Aluminum	NA	**4040**	**3080**	**4020**	**3690**	**4280**	**4610**	**2630**	**3240**	**3140**	**2530**
Antimony	NA	4.34 U	**4.52 J**	4.18 U	4.15 U	4.23 U	4.12 U	**4.76**	**3.85 J**	**2.62 J**	**17.3**
Arsenic	16	**5.5**	**28.4**	**25.4**	**43.7**	**32.8**	**16.8**	**68.5**	**106.**	**41.6**	**238.**
Barium	400	**64.1**	**109**	**56**	**49**	**58.8**	**61.8**	**49.5**	**56.2**	**34**	**74**
Beryllium	590	**0.242 J**	**0.309 J**	**0.322 J**	**0.29 J**	**0.316 J**	**0.32 J**	**0.267 J**	**0.276 J**	**0.243 J**	**0.374 J**
Cadmium	9.3	**0.301 J**	**7.45**	**0.392 J**	**0.457 J**	**0.517 J**	**0.471 J**	**0.836**	**1.03**	**0.137 J**	**1.06 J**
Calcium	NA	**22200**	**27400**	**29500**	**43000**	**31700**	**35600**	**45500**	**50400**	**50900**	**38000**
Chromium	NA	**7.02**	**86.4**	**7.98**	**8.14**	**10.1**	**9.67**	**138**	**15.1**	**9.42**	**18.2**
Cobalt	NA	**3.34**	**12.1**	**4.56**	**4.43**	**4.53**	**5.1**	**4.72**	**5.12**	**5.16**	**6.97**
Copper	270	**33.4**	**416**	**63.3**	**57.4**	**59.3**	**65.3**	**144 J**	**136 J**	**88.7 J**	**204 J**
Iron	NA	**11900**	**123000**	**17200**	**17300**	**16700**	**18700**	**23500**	**26700**	**18000**	**52200**
Lead	1000	**220**	**606**	**190**	**194**	**229**	**200**	**316**	**283**	**153**	**651.**
Magnesium	NA	**6920**	**10800**	**7650**	**7960**	**7840**	**12600**	**12900**	**14700**	**22000**	**9840**
Manganese	10000	**339**	**1640**	**277**	**328**	**351**	**347**	**328**	**513**	**356**	**444**
Mercury	2.8	**2.61**	**27.9**	**0.355**	**0.501**	**0.471**	**0.43**	**0.299**	**0.268**	**0.285**	**0.462**
Nickel	310	**10.2**	**188**	**10.8**	**10.3**	**10.7**	**11.9**	**17.9**	**17.5**	**12.3**	**37.9**
Potassium	NA	**497**	**322 J**	**418**	**384**	**501**	**434**	**334**	**426**	**436**	**126 J**
Selenium	1500	1.74 U	**1.2 J**	1.67 U	**0.238 J**	**0.403 J**	**0.266 J**	1.63 U	1.71 U	1.58 U	3.45 U
Silver	1500	**0.311 J**	**1.68 J**	**0.346 J**	**0.404 J**	**0.41 J**	**0.406 J**	**0.702**	**1.04**	**0.297 J**	**0.543 J**
Sodium	NA	**70 J**	719 U	**110 J**	**115 J**	**94.5 J**	**85.9 J**	**87 J**	**92.4 J**	**101 J**	**92.3 J**
Thallium	NA	1.74 U	7.19 U	**0.305 J**	**0.289 J**	**0.29 J**	1.65 U	1.63 U	1.71 U	1.58 U	3.45 U
Vanadium	NA	**11.5**	**20.6**	**11.6**	**11.5**	**13.1**	**14.2**	**14.2**	**16.3**	**13.4**	**15.1**
Zinc	10000	**67.4**	**751**	**139**	**156**	**201**	**157**	**186 J**	**200 J**	**82.7 J**	**264 J**
Other											
Total Solids (%)	NA	**90.6**	**86.7**	**94.5**	**91.6**	**91.3**	**96.7**	**95.7**	**91.7**	**97.3**	**90.4**
Cyanide (mg/kg)	27	1 U	**0.43 J**	1 U	1.1 U	**0.61 J**	0.98 U	0.99 U	1.1 U	0.94 U	**0.35 J**

Notes and Abbreviations:

*1. Results in **bold** are detected.*

2. Results qualifiers defined as follows:

U: Not detected above the indicated reporting limit.

J: Estimated result.

J-: Estimated result, low bias.

3. mg/kg = milligrams per kilogram

- Orange shading indicates an exceedance of the 6 NYCRR Part 375 Commercial Soil Cleanup Objective.

- Gray shading indicates interim documentation soil sample. Soils were

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name Sample Name Sample Date Sample Type Lab Sample ID	6 NYCRR Part 375 Commercial Soil Cleanup Objective	TB-DOC42 TB-DOC42-061824-0920 06/18/2024 Primary L2434436-05	TB-DOC43 TB-DOC43-061824-0930 06/18/2024 Primary L2434436-06 INTERIM	TB-DOC44 TB-DOC44-061824-1000 06/18/2024 Primary L2434436-07	TB-DOC45 TB-DOC45-061824-1010 06/18/2024 Primary L2434436-08	TB-DOC46 TB-DOC46-061824-1030 06/18/2024 Primary L2434436-09	TB-DOC47 TB-DOC47-062024-1140 06/20/2024 Primary L2435063-01	TB-DOC48 TB-DOC48-062024-1142 06/20/2024 Primary L2435063-02 L2435588-01	TB-DOC49 TB-DOC49-062024-1145 06/20/2024 Primary L2435063-03	TB-DOC50 TB-DOC50-062024-1150 06/20/2024 Primary L2435063-04	TB-DOC51 TB-DOC51-062424-0720 06/24/2024 Primary L2435588-02
Volatile Organic Compounds (mg/kg)											
1,1,1-Trichloroethane	500	0.00067 U	0.052 U	0.033 U	0.00054 U	0.00058 U	0.00044 U	0.00051 U	-	0.00046 U	0.037 U
1,1,2,2-Tetrachloroethane	NA	0.00067 UJ	0.052 U	0.033 U	0.00054 U	0.00058 U	0.00044 U	0.00051 U	-	0.00046 U	0.037 U
1,1,2-Trichloroethane	NA	0.0013 UJ	0.1 U	0.066 U	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	0.074 U
1,1-Dichloroethane	240	0.0013 UJ	0.1 U	0.066 U	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	0.074 U
1,1-Dichloroethene	500	0.0013 U	0.1 U	0.066 U	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	0.074 U
1,2,3-Trichlorobenzene	NA	0.0027 R	0.21 U	0.13 U	0.0022 U	0.0023 U	0.0018 U	0.002 U	-	0.0018 U	0.15 U
1,2,4-Trichlorobenzene	NA	0.0027 R	0.21 U	0.13 U	0.0022 U	0.0023 U	0.0018 U	0.002 U	-	0.0018 U	0.15 U
1,2-Dibromo-3-chloropropane (DBCP)	NA	0.004 R	0.31 U	0.2 U	0.0032 U	0.0035 U	0.0026 U	0.0031 U	-	0.0028 U	0.22 U
1,2-Dibromoethane (Ethylene Dibromide)	NA	0.0013 R	0.1 U	0.066 U	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	0.074 U
1,2-Dichlorobenzene	500	0.0027 R	0.21 U	0.13 U	0.0022 U	0.0023 U	0.0018 U	0.002 U	-	0.0018 U	0.15 U
1,2-Dichloroethane	30	0.0013 UJ	0.1 U	0.066 U	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	0.074 U
1,2-Dichloropropane	NA	0.0013 UJ	0.1 U	0.066 U	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	0.074 U
1,3-Dichlorobenzene	280	0.0027 R	0.21 U	0.13 U	0.0022 U	0.0023 U	0.0018 U	0.002 U	-	0.0018 U	0.15 U
1,4-Dichlorobenzene	130	0.0027 R	0.21 U	0.13 U	0.0022 U	0.0023 U	0.0018 U	0.002 U	-	0.0018 U	0.15 U
1,4-Dioxane	130	0.11 U	8.2 U	5.3 U	0.087 U	0.092 U	0.07 U	0.082 U	-	0.074 U	5.9 U
2-Butanone (Methyl Ethyl Ketone)	500	0.013 UJ	**0.39 J**	0.66 U	0.011 U	0.012 U	0.0088 UJ	0.01 UJ	-	0.0092 UJ	0.74 U
2-Hexanone (Methyl Butyl Ketone)	NA	0.013 R	1 U	0.66 U	0.011 U	0.012 U	0.0088 U	0.01 U	-	0.0092 U	0.74 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	0.013 UJ	1 U	0.66 U	0.011 U	0.012 U	0.0088 U	0.01 U	-	0.0092 U	0.74 U
Acetone	500	0.013 UJ	1 U	**0.35 J**	**0.0055 J**	0.012 U	**0.011**	**0.01**	-	**0.017**	0.74 U
Benzene	44	0.00067 UJ	**0.15**	**0.15**	0.00054 U	0.00058 U	0.00044 U	0.00051 U	-	0.00046 U	**0.058**
Bromodichloromethane	NA	0.00067 UJ	0.052 U	0.033 U	0.00054 U	0.00058 U	0.00044 U	0.00051 U	-	0.00046 U	0.037 U
Bromoform	NA	0.0054 R	0.41 U	0.27 U	0.0043 U	0.0046 U	0.0035 U	0.0041 U	-	0.0037 U	0.3 U
Bromomethane (Methyl Bromide)	NA	0.0027 U	0.21 U	0.13 U	0.0022 U	0.0023 U	0.0018 U	0.002 U	-	0.0018 U	0.15 U
Carbon disulfide	NA	0.013 UJ	1 U	0.66 U	0.011 U	0.012 U	0.0088 U	0.01 U	-	0.0092 U	0.74 U
Carbon tetrachloride	22	0.0013 U	0.1 U	0.066 U	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	0.074 U
Chlorobenzene	500	0.00067 R	0.052 U	0.033 U	0.00054 U	0.00058 U	0.00044 U	0.00051 U	-	0.00046 U	0.037 U
Chlorobromomethane	NA	0.0027 UJ	0.21 U	0.13 U	0.0022 U	0.0023 U	0.0018 U	0.002 U	-	0.0018 U	0.15 U
Chloroethane	NA	0.0027 U	0.21 U	0.13 U	0.0022 U	0.0023 U	0.0018 U	0.002 U	-	0.0018 U	0.15 U
Chloroform (Trichloromethane)	350	0.002 UJ	**0.017 J**	0.1 U	0.0016 U	0.0017 U	0.0013 U	0.0015 U	-	0.0014 U	0.11 U
Chloromethane (Methyl Chloride)	NA	0.0054 U	0.41 U	0.27 U	0.0043 U	0.0046 U	0.0035 U	0.0041 U	-	0.0037 U	0.3 U
cis-1,2-Dichloroethene	500	0.0013 UJ	0.1 U	0.066 U	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	0.074 U
cis-1,3-Dichloropropene	NA	0.00067 R	0.052 U	0.033 U	0.00054 U	0.00058 U	0.00044 U	0.00051 U	-	0.00046 U	0.037 U
Cyclohexane	NA	0.013 U	**0.53 J**	**0.44 J**	0.011 U	0.012 U	0.0088 U	0.01 U	-	0.0092 U	**0.18 J**
Dibromochloromethane	NA	0.0013 UJ	0.1 U	0.066 U	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	0.074 U
Dichlorodifluoromethane (CFC-12)	NA	0.013 U	1 U	0.66 U	0.011 U	0.012 U	0.0088 U	0.01 U	-	0.0092 U	0.74 U
Ethylbenzene	390	0.0013 UJ	**0.12**	**0.13**	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	**0.05 J**
Isopropylbenzene (Cumene)	NA	0.0013 UJ	**0.077 J**	**0.11**	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	**0.031 J**
m,p-Xylenes	NA	0.0027 UJ	**0.51**	**0.61**	0.0022 U	0.0023 U	0.0018 U	0.002 U	-	0.0018 U	**0.26**
Methyl acetate	NA	0.0054 UJ	**0.82**	**0.32**	0.0043 U	0.0046 U	0.0035 U	0.0041 U	-	0.0037 U	**0.2 J**
Methyl Tert Butyl Ether (MTBE)	500	0.0027 UJ	0.21 U	0.13 U	0.0022 U	0.0023 U	0.0018 U	0.002 U	-	0.0018 U	0.15 U
Methylcyclohexane	NA	0.0054 U	**2.3**	**1.4**	0.0043 U	0.0046 U	0.0035 U	0.0041 U	-	0.0037 U	**0.69**
Methylene chloride (Dichloromethane)	500	0.0067 UJ	0.52 U	0.33 U	0.0054 U	0.0058 U	0.0044 U	0.0051 U	-	0.0046 U	0.37 U
o-Xylene	NA	0.0013 UJ	**0.42**	**0.47**	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	**0.19**
Styrene	NA	0.0013 R	0.1 U	**0.055 J**	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	0.074 U
Tetrachloroethene	150	0.00067 UJ	**0.55**	**0.088**	0.00054 U	0.00058 U	0.00044 U	0.00051 U	-	0.00046 U	**0.086**
Toluene	500	0.0013 UJ	**0.59**	**0.71**	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	**0.23**
trans-1,2-Dichloroethene	500	0.002 UJ	0.15 U	0.1 U	0.0016 U	0.0017 U	0.0013 U	0.0015 U	-	0.0014 U	0.11 U
trans-1,3-Dichloropropene	NA	0.0013 R	0.1 U	0.066 U	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	0.074 U
Trichloroethene	200	**0.0034 J**	**96**	**3.2**	**0.0025**	**0.00018 J**	0.00044 U	0.00051 U	-	0.00046 U	**7.9**
Trichlorofluoromethane (CFC-11)	NA	0.0054 U	0.41 U	0.27 U	0.0043 U	0.0046 U	0.0035 U	0.0041 U	-	0.0037 U	0.3 U
Trifluorotrichloroethane (Freon 113)	NA	0.0054 U	0.41 U	0.27 U	0.0043 U	0.0046 U	0.0035 U	0.0041 U	-	0.0037 U	0.3 U
Vinyl chloride	13	0.0013 U	0.1 U	0.066 U	0.0011 U	0.0012 U	0.00088 U	0.001 U	-	0.00092 U	0.074 U

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name Sample Name Sample Date Sample Type Lab Sample ID	6 NYCRR Part 375 Commercial Soil Cleanup Objective	TB-DOC42 TB-DOC42-061824-0920 06/18/2024 Primary L2434436-05	TB-DOC43 TB-DOC43-061824-0930 06/18/2024 Primary L2434436-06 INTERIM	TB-DOC44 TB-DOC44-061824-1000 06/18/2024 Primary L2434436-07	TB-DOC45 TB-DOC45-061824-1010 06/18/2024 Primary L2434436-08	TB-DOC46 TB-DOC46-061824-1030 06/18/2024 Primary L2434436-09	TB-DOC47 TB-DOC47-062024-1140 06/20/2024 Primary L2435063-01	TB-DOC48 TB-DOC48-062024-1142 06/20/2024 Primary L2435063-02 L2435588-01	TB-DOC49 TB-DOC49-062024-1145 06/20/2024 Primary L2435063-03	TB-DOC50 TB-DOC50-062024-1150 06/20/2024 Primary L2435063-04	TB-DOC51 TB-DOC51-062424-0720 06/24/2024 Primary L2435588-02
Semi-Volatile Organic Compounds (mg/kg)											
1,2,4,5-Tetrachlorobenzene	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
1,4-Dioxane	130	-	-	-	-	-	-	-	0.029 U	-	-
2,2'-oxybis(1-Chloropropane)	NA	0.22 U	0.24 U	0.2 U	0.21 U	0.21 U	0.22 U	0.23 U	-	0.22 U	0.2 U
2,3,4,6-Tetrachlorophenol	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
2,4,5-Trichlorophenol	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
2,4,6-Trichlorophenol	NA	0.11 U	0.12 U	0.1 U	0.1 U	0.1 U	0.11 U	0.12 U	-	0.11 U	0.1 U
2,4-Dichlorophenol	NA	0.17 U	0.18 U	0.15 U	0.16 U	0.16 U	0.17 U	0.17 U	-	0.16 U	0.15 U
2,4-Dimethylphenol	NA	**0.11 J**	**0.11 J**	**0.073 J**	0.17 U	**0.06 J**	0.18 U	0.19 U	-	0.18 U	0.17 U
2,4-Dinitrophenol	NA	0.89 R	0.96 U	0.82 U	0.84 U	0.83 U	0.89 U	0.93 U	-	0.87 U	0.81 U
2,4-Dinitrotoluene	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
2,6-Dinitrotoluene	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
2-Chloronaphthalene	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
2-Chlorophenol	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
2-Methylnaphthalene	NA	**1.2**	**1.4**	**0.88**	**0.36**	**0.96**	**0.18 J**	**0.7**	-	**0.26**	**0.62**
2-Methylphenol (o-Cresol)	500	**0.056 J**	**0.056 J**	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
2-Nitroaniline	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
2-Nitrophenol	NA	0.4 U	0.43 U	0.37 U	0.38 U	0.37 U	0.4 U	0.42 U	-	0.39 U	0.37 U
3&4-Methylphenol	NA	**0.19 J**	**0.16 J**	**0.063 J**	**0.045 J**	0.25 U	0.27 U	**0.048 J**	-	0.26 U	**0.038 J**
3,3'-Dichlorobenzidine	NA	0.18 UJ	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
3-Nitroaniline	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
4,6-Dinitro-2-methylphenol	NA	0.48 R	0.52 U	0.45 U	0.45 U	0.45 U	0.48 U	0.5 U	-	0.47 U	0.44 U
4-Bromophenyl phenyl ether (BDE-3)	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
4-Chloro-3-methylphenol	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
4-Chloroaniline	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
4-Chlorophenyl phenyl ether	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
4-Nitroaniline	NA	0.18 UJ	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
4-Nitrophenol	NA	0.26 U	0.28 U	0.24 U	0.24 U	0.24 U	0.26 U	0.27 U	-	0.25 U	0.24 U
Acenaphthene	500	**0.18**	**0.14 J**	**0.14**	**0.15**	**1.7**	**0.074 J**	**0.13 J**	-	**0.22**	**0.092 J**
Acenaphthylene	500	**2.8**	**2.4**	**1.4**	**4**	**4.9**	**0.3**	**0.74**	-	**0.6**	**1**
Acetophenone	NA	**0.13 J**	**0.2**	**0.12 J**	**0.14 J**	**0.1 J**	0.18 U	**0.11 J**	-	0.18 U	**0.1 J**
Anthracene	500	**1.6**	**1.5**	**1.2**	**1.8**	**4.9**	**0.48**	**0.8**	-	**1.2**	**0.98**
Atrazine	NA	0.15 U	0.16 U	0.14 U	0.14 U	0.14 U	0.15 U	0.16 U	-	0.14 U	0.14 U
Benzaldehyde	NA	0.24 U	0.26 U	0.23 U	**0.24**	0.23 U	0.24 U	**0.48**	-	0.24 U	**0.23**
Benzo(a)anthracene	5.6	**5 J**	**4.1**	**3.5**	**4.4**	**21**	**1.9**	**2.1**	-	**3.7**	**2.5**
Benzo(a)pyrene	1	**6.2 J**	**5.2**	**3.8**	**5.5**	**22**	**1.9**	**3.3**	-	**3.4**	**3**
Benzo(b)fluoranthene	5.6	**11**	**8.9**	**5.7**	**6.9**	**24**	**2.4**	**4**	-	**5.6**	**4.3**
Benzo(g,h,i)perylene	500	**3.4 J**	**3.1**	**2.6**	**8.9**	**19**	**1.2**	**2.6**	-	**2.1**	**2.4**
Benzo(k)fluoranthene	56	**2.2 J**	**1.7**	**1.9**	**1.4**	**2.5**	**0.74**	**0.88**	-	**1.5**	**0.97**
Biphenyl	NA	**0.14 J**	**0.16 J**	**0.096 J**	**0.085 J**	**0.28 J**	**0.03 J**	**0.1 J**	-	**0.058 J**	**0.089 J**
bis(2-Chloroethoxy)methane	NA	0.2 U	0.22 U	0.18 U	0.19 U	0.19 U	0.2 U	0.21 U	-	0.2 U	0.18 U
bis(2-Chloroethyl)ether	NA	0.17 U	0.18 U	0.15 U	0.16 U	0.16 U	0.17 U	0.17 U	-	0.16 U	0.15 U
bis(2-Ethylhexyl)phthalate	NA	**0.36**	**2.7**	**0.37**	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	**0.32**
Butyl benzylphthalate (BBP)	NA	**1.1**	**5.5**	**0.93**	**0.092 J**	**0.091 J**	**29**	**0.12 J**	-	**0.084 J**	**0.52**
Caprolactam	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
Carbazole	NA	**0.5**	**0.46**	**0.26**	**0.11 J**	**1.5**	**0.1 J**	**0.16 J**	-	**0.23**	**0.16 J**
Chrysene	56	**4.7 J**	**4.1**	**3.4**	**4.3**	**19**	**1.8**	**2.4**	-	**3.9**	**2.4**
Dibenz(a,h)anthracene	0.56	**1.2**	**1**	**0.73**	**1.2**	**2.8**	**0.25**	**0.5**	-	**0.53**	**0.46**
Dibenzofuran	350	**0.59**	**0.65**	**0.35**	**0.17**	**0.93**	**0.075 J**	**0.27**	-	**0.19**	**0.23**
Diethyl phthalate	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
Dimethyl phthalate	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
Di-n-butylphthalate (DBP)	NA	0.18 U	**0.098 J**	**0.033 J**	0.17 U	0.17 U	**0.088 J**	0.19 U	-	0.18 U	0.17 U
Di-n-octyl phthalate (DnOP)	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name		TB-DOC42	TB-DOC43	TB-DOC44	TB-DOC45	TB-DOC46	TB-DOC47	TB-DOC48	TB-DOC49	TB-DOC50	TB-DOC51
Sample Name		TB-DOC42-061824-0920	TB-DOC43-061824-0930	TB-DOC44-061824-1000	TB-DOC45-061824-1010	TB-DOC46-061824-1030	TB-DOC47-062024-1140	TB-DOC48-062024-1142	TB-DOC49-062024-1145	TB-DOC50-062024-1150	TB-DOC51-062424-0720
Sample Date		06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/18/2024	06/20/2024	06/20/2024	06/20/2024	06/20/2024	06/24/2024
Sample Type	6 NYCRR Part 375 Commercial Soil Cleanup Objective	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Lab Sample ID		L2434436-05	L2434436-06 INTERIM	L2434436-07	L2434436-08	L2434436-09	L2435063-01	L2435063-02 L2435588-01	L2435063-03	L2435063-04	L2435588-02
Fluoranthene	500	**5.1 J**	**4.5**	**4.2**	**6.2**	**39**	**3.1**	**2.8**	-	**6.2**	**3.6**
Fluorene	500	**0.26**	**0.22**	**0.19**	**0.4**	**2**	**0.12 J**	**0.25**	-	**0.23**	**0.16 J**
Hexachlorobenzene	6	0.11 U	0.12 U	0.1 U	0.1 U	0.1 U	0.11 U	0.12 U	-	0.11 U	0.1 U
Hexachlorobutadiene	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
Hexachlorocyclopentadiene	NA	0.53 UJ	0.57 U	0.49 U	0.5 U	0.49 U	0.53 U	0.55 U	-	0.52 U	0.48 U
Hexachloroethane	NA	0.15 U	0.16 U	0.14 U	0.14 U	0.14 U	0.15 U	0.16 U	-	0.14 U	0.14 U
Indeno(1,2,3-cd)pyrene	5.6	**4 J**	**3.7**	**2.7**	**4.8**	**15**	**1.1**	**2**	-	**2.2**	**2.1**
Isophorone	NA	0.17 U	0.18 U	0.15 U	0.16 U	0.16 U	0.17 U	0.17 U	-	0.16 U	0.15 U
Naphthalene	500	**1.5**	**1.4**	**0.78**	**0.64**	**2**	**0.22**	**0.78**	-	**0.45**	**0.59**
Nitrobenzene	NA	0.17 U	0.18 U	0.15 U	0.16 U	0.16 U	0.17 U	0.17 U	-	0.16 U	0.15 U
N-Nitrosodi-n-propylamine	NA	0.18 U	0.2 U	0.17 U	0.17 U	0.17 U	0.18 U	0.19 U	-	0.18 U	0.17 U
N-Nitrosodiphenylamine	NA	0.15 U	0.16 U	0.14 U	0.14 U	0.14 U	0.15 U	0.16 U	-	0.14 U	0.14 U
Pentachlorophenol	6.7	0.15 U	0.16 U	0.14 U	0.14 U	0.14 U	0.15 U	0.16 U	-	0.14 U	0.14 U
Phenanthrene	500	**2.3**	**2.2**	**1.5**	**2.2**	**20**	**1.5**	**1.9**	-	**1.6**	**1.5**
Phenol	500	**0.09 J**	**0.074 J**	0.17 U	0.17 U	0.17 U	0.18 U	**0.032 J+**	-	0.18 U	0.17 U
Pyrene	500	**5.2 J**	**4.3**	**4.6**	**14**	**44**	**3.1**	**3.1**	-	**5**	**4.1**
Inorganic Compounds (mg/kg)											
Aluminum	NA	**3190**	**2630**	**3270**	**3150**	**4050**	**4040**	**5160**	-	**3910**	**3720**
Antimony	NA	**3.51 J**	**15.4**	**2.8 J**	**1.31 J**	**0.861 J**	**0.803 J**	**1.22 J**	-	**0.338 J**	**4.12**
Arsenic	16	**81.9**	**172.**	**92.8**	**17.8**	**11.1**	**7.89**	**33.6 J-**	-	**11.5**	**53 J-**
Barium	400	**41.5**	**87.7**	**44.1**	**34.8**	**50.6**	**43.7**	**69**	-	**42.6**	**73**
Beryllium	590	**0.264 J**	**0.429 J**	**0.262 J**	**0.226 J**	**0.315 J**	**0.194 J**	**0.34 J**	-	**0.186 J**	**0.289 J**
Cadmium	9.3	**0.174 J**	**0.852 J**	**0.144 J**	0.817 U	**0.406 J**	**1.18**	**1.17 J-**	-	**0.277 J**	**0.654 J-**
Calcium	NA	**30500**	**40400**	**72800**	**69100**	**23800**	**31900**	**21100**	-	**36200**	**43800**
Chromium	NA	**10**	**17**	**13**	**7.69**	**11.4**	**11.5**	**11 J-**	-	**12.5**	**7.1 J-**
Cobalt	NA	**4.26**	**6.76**	**4.24**	**3.46**	**4.88**	**4.75**	**9.06**	-	**3.95**	**5.85**
Copper	270	**84.3 J**	**216 J**	**97.9 J**	**59.2 J**	**76.4 J**	**61**	**66.8 J-**	-	**37.1**	**53.9 J-**
Iron	NA	**19400**	**37700**	**23000**	**12100**	**12600**	**14800**	**12800**	-	**12900**	**22200**
Lead	1000	**190**	**431**	**161**	**147**	**286**	**112**	**828 J-**	-	**157**	**426 J-**
Magnesium	NA	**10100**	**5580**	**29600**	**12000**	**10100**	**8420**	**5650**	-	**9040**	**11500**
Manganese	10000	**339**	**512**	**368**	**303**	**394**	**342**	**509**	-	**349**	**360**
Mercury	2.8	**0.29**	**0.524**	**0.385**	**0.409**	**0.534**	**0.582**	**0.998**	-	**0.383**	**0.554**
Nickel	310	**12.6**	**26.5**	**14.7**	**7.97**	**11.2**	**18.8**	**15.4**	-	**8**	**11**
Potassium	NA	**377**	**214 J**	**426**	**404**	**508**	**403**	**432 J+**	-	**389**	**478 J+**
Selenium	1500	1.69 U	1.85 U	1.65 U	1.63 U	1.64 U	1.74 U	**1.24 J**	-	**0.475 J**	**1.12 J**
Silver	1500	**0.383 J**	**0.857**	**0.523**	0.408 U	**0.285 J**	**0.269 J**	**0.728**	-	0.432 U	**0.829**
Sodium	NA	**66.8 J**	**94 J**	**134 J**	**90.6 J**	**65 J**	**67.7 J**	**112 J**	-	**67.3 J**	**148 J**
Thallium	NA	1.69 U	1.85 U	1.65 U	1.63 U	1.64 U	1.74 U	1.84 U	-	1.73 U	1.64 U
Vanadium	NA	**12.2**	**15.7**	**14.4**	**12.7**	**16.8**	**13**	**10.6**	-	**12.7**	**10.2**
Zinc	10000	**109 J**	**227 J**	**110 J**	**83.2 J**	**155 J**	**190**	**380**	-	**128**	**205**
Other											
Total Solids (%)	NA	**89.7**	**81.8**	**94.3**	**94.9**	**95**	**89.5**	**85.5 90.3**	**85.8**	**91.6**	**95.7**
Cyanide (mg/kg)	27	**0.27 J**	**0.33 J**	**0.24 J**	**0.23 J**	**0.41 J**	**0.36 J**	**0.32 J**	1.1 U	1.1 U	0.97 U

Notes and Abbreviations:

*1. Results in **bold** are detected.*

2. Results qualifiers defined as follows:

U: Not detected above the indicated reporting limit.

J: Estimated result.

J-: Estimated result, low bias.

3. mg/kg = milligrams per kilogram

- Orange shading indicates an exceedance of the 6 NYCRR Part 375 Commercial Soil Cleanup Objective.

- Gray shading indicates interim documentation soil sample. Soils were

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name Sample Name Sample Date Sample Type Lab Sample ID	6 NYCRR Part 375 Commercial Soil Cleanup Objective	TB-DOC52 TB-DOC52-062424-0730 06/24/2024 Primary L2435588-03	TB-DOC53 TB-DOC53-062424-0740 06/24/2024 Primary L2435588-04	TB-DOC54 TB-DOC54-062424-0750 06/24/2024 Primary L2435588-05	TB-DOC55 TB-DOC55-062424-0800 06/24/2024 Primary L2435588-06	TB-DOC56 TB-DOC56-062424-0815 06/24/2024 Primary L2435588-07	TB-DOC57 TB-DOC57-062424-0830 06/24/2024 Primary L2435588-08	TB-DOC58 TB-DOC58-062424-0840 06/24/2024 Primary L2435588-09	TB-DOC59 TB-DOC59-062424-0900 06/24/2024 Primary L2435588-10	TB-DOC60 TB-DOC60-062424-0910 06/24/2024 Primary L2435588-11	TB-DOC61 TB-DOC61-062424-0925 06/24/2024 Primary L2435588-12
Volatile Organic Compounds (mg/kg)											
1,1,1-Trichloroethane	500	0.032 U	0.036 U	0.00046 U	0.00051 U	0.034 U	0.032 U	0.00073 U	0.00053 U	0.00068 U	0.03 U
1,1,2,2-Tetrachloroethane	NA	0.032 U	0.036 U	0.00046 U	0.00051 U	0.034 U	0.032 U	0.00073 UJ	0.00053 U	0.00068 U	0.03 U
1,1,2-Trichloroethane	NA	0.064 U	0.072 U	0.00093 U	0.001 U	0.068 U	0.065 U	0.0015 UJ	0.0011 U	0.0014 U	0.061 U
1,1-Dichloroethane	240	0.064 U	0.072 U	0.00093 U	0.001 U	0.068 U	0.065 U	0.0015 U	0.0011 U	0.0014 U	0.061 U
1,1-Dichloroethene	500	0.064 U	0.072 U	0.00093 U	0.001 U	0.068 U	0.065 U	0.0015 U	0.0011 U	0.0014 U	0.061 U
1,2,3-Trichlorobenzene	NA	0.13 U	0.14 U	0.0018 U	0.002 U	0.14 U	0.13 U	0.0029 R	0.0021 U	0.0027 U	0.12 U
1,2,4-Trichlorobenzene	NA	0.13 U	0.14 U	0.0018 U	0.002 U	0.14 U	0.13 U	0.0029 R	0.0021 U	0.0027 U	0.12 U
1,2-Dibromo-3-chloropropane (DBCP)	NA	0.19 U	0.22 U	0.0028 U	0.003 U	0.2 U	0.19 U	0.0044 UJ	0.0032 UJ	0.0041 U	0.18 U
1,2-Dibromoethane (Ethylene Dibromide)	NA	0.064 U	0.072 U	0.00093 U	0.001 U	0.068 U	0.065 U	0.0015 UJ	0.0011 U	0.0014 U	0.061 U
1,2-Dichlorobenzene	500	0.13 U	0.14 U	0.0018 U	0.002 U	0.14 U	0.13 U	0.0029 UJ	0.0021 U	0.0027 U	0.12 U
1,2-Dichloroethane	30	0.064 U	0.072 U	0.00093 U	0.001 U	0.068 U	0.065 U	0.0015 UJ	0.0011 U	0.0014 U	0.061 U
1,2-Dichloropropane	NA	0.064 U	0.072 U	0.00093 U	0.001 U	0.068 U	0.065 U	0.0015 UJ	0.0011 U	0.0014 U	0.061 U
1,3-Dichlorobenzene	280	0.13 U	0.14 U	0.0018 U	0.002 U	0.14 U	0.13 U	0.0029 UJ	0.0021 U	0.0027 U	0.12 U
1,4-Dichlorobenzene	130	0.13 U	0.14 U	0.0018 U	0.002 U	0.14 U	0.13 U	0.0029 R	0.0021 U	0.0027 U	0.12 U
1,4-Dioxane	130	5.1 U	5.7 U	0.074 U	0.081 U	5.4 U	5.2 U	0.12 U	0.085 U	0.11 U	4.9 U
2-Butanone (Methyl Ethyl Ketone)	500	0.64 U	0.72 U	0.0093 U	0.01 U	0.68 U	0.65 U	**0.032**	0.011 U	0.014 U	0.61 U
2-Hexanone (Methyl Butyl Ketone)	NA	0.64 U	0.72 U	0.0093 U	0.01 U	0.68 U	0.65 U	0.015 UJ	0.011 UJ	0.014 U	0.61 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	0.64 U	0.72 U	0.0093 U	0.01 U	0.68 U	0.65 U	0.015 UJ	0.011 UJ	0.014 U	0.61 U
Acetone	500	0.64 U	0.72 U	0.0093 U	0.01 U	0.68 U	0.65 U	**0.2**	0.011 U	**0.019**	0.61 U
Benzene	44	**0.054**	**0.22**	0.00046 U	0.00051 U	**0.051**	**0.039**	**0.002 J**	0.00053 U	0.00068 U	**0.032**
Bromodichloromethane	NA	0.032 U	0.036 U	0.00046 U	0.00051 U	0.034 U	0.032 U	0.00073 UJ	0.00053 U	0.00068 U	0.03 U
Bromoform	NA	0.26 U	0.29 U	0.0037 U	0.0041 U	0.27 U	0.26 U	0.0059 UJ	0.0042 U	0.0055 U	0.24 U
Bromomethane (Methyl Bromide)	NA	0.13 U	0.14 U	0.0018 U	0.002 U	0.14 U	0.13 U	0.0029 U	0.0021 U	0.0027 U	0.12 U
Carbon disulfide	NA	0.64 U	0.72 U	0.0093 U	0.01 U	0.68 U	0.65 U	0.015 UJ	0.011 U	0.014 U	0.61 U
Carbon tetrachloride	22	0.064 U	0.072 U	0.00093 U	0.001 U	0.068 U	0.065 U	0.0015 U	0.0011 U	0.0014 U	0.061 U
Chlorobenzene	500	0.032 U	0.036 U	0.00046 U	0.00051 U	0.034 U	0.032 U	0.00073 UJ	0.00053 U	0.00068 U	0.03 U
Chlorobromomethane	NA	0.13 U	0.14 U	0.0018 U	0.002 U	0.14 U	0.13 U	0.0029 UJ	0.0021 U	0.0027 U	0.12 U
Chloroethane	NA	0.13 U	0.14 U	0.0018 U	0.002 U	0.14 U	0.13 U	0.0029 U	0.0021 U	0.0027 U	0.12 U
Chloroform (Trichloromethane)	350	0.096 U	0.11 U	0.0014 U	0.0015 U	0.1 U	0.097 U	0.0022 UJ	0.0016 U	0.002 U	0.091 U
Chloromethane (Methyl Chloride)	NA	0.26 U	0.29 U	0.0037 U	0.0041 U	0.27 U	0.26 U	0.0059 U	0.0042 U	0.0055 U	0.24 U
cis-1,2-Dichloroethene	500	0.064 U	0.072 U	0.00093 U	0.001 U	0.068 U	0.065 U	0.0015 UJ	0.0011 U	0.0014 U	0.061 U
cis-1,3-Dichloropropene	NA	0.032 U	0.036 U	0.00046 U	0.00051 U	0.034 U	0.032 U	0.00073 UJ	0.00053 U	0.00068 U	0.03 U
Cyclohexane	NA	**0.17 J**	**0.22 J**	0.0093 U	0.01 U	**0.17 J**	**0.17 J**	**0.0029 J**	0.011 U	0.014 U	**0.17 J**
Dibromochloromethane	NA	0.064 U	0.072 U	0.00093 U	0.001 U	0.068 U	0.065 U	0.0015 UJ	0.0011 U	0.0014 U	0.061 U
Dichlorodifluoromethane (CFC-12)	NA	0.64 U	0.72 U	0.0093 U	0.01 U	0.68 U	0.65 U	0.015 U	0.011 U	0.014 U	0.61 U
Ethylbenzene	390	**0.049 J**	**0.063 J**	0.00093 U	0.001 U	**0.045 J**	**0.048 J**	**0.00028 J**	0.0011 U	0.0014 U	**0.032 J**
Isopropylbenzene (Cumene)	NA	**0.028 J**	**0.036 J**	0.00093 U	0.001 U	**0.027 J**	**0.026 J**	**0.00024 J**	0.0011 U	0.0014 U	**0.022 J**
m,p-Xylenes	NA	**0.22**	**0.36**	0.0018 U	0.002 U	**0.21**	**0.24**	**0.0012 J**	0.0021 U	0.0027 U	**0.16**
Methyl acetate	NA	**0.22 J**	**0.2 J**	0.0037 U	0.0041 U	**0.19 J**	**0.18 J**	0.0059 U	0.0042 U	0.0055 U	**0.26**
Methyl Tert Butyl Ether (MTBE)	500	0.13 U	0.14 U	0.0018 U	0.002 U	0.14 U	0.13 U	0.0029 U	0.0021 U	0.0027 U	0.12 U
Methylcyclohexane	NA	**0.59**	**0.77**	0.0037 U	0.0041 U	**0.58**	**0.6**	**0.0057 J**	0.0042 U	0.0055 U	**0.61**
Methylene chloride (Dichloromethane)	500	0.32 U	0.36 U	0.0046 U	0.0051 U	0.34 U	0.32 U	0.0073 UJ	0.0053 U	0.0068 U	0.3 U
o-Xylene	NA	**0.17**	**0.25**	0.00093 U	0.001 U	**0.15**	**0.16**	**0.001 J**	0.0011 U	0.0014 U	**0.13**
Styrene	NA	0.064 U	0.072 U	0.00093 U	0.001 U	0.068 U	0.065 U	0.0015 UJ	0.0011 U	0.0014 U	0.061 U
Tetrachloroethene	150	**0.07**	**0.072**	0.00046 U	0.00051 U	**0.05**	**0.038**	0.00073 UJ	0.00053 U	0.00068 U	**0.042**
Toluene	500	**0.2**	**0.5**	0.00093 U	0.001 U	**0.19**	**0.18**	**0.0027 J**	0.0011 U	0.0014 U	**0.12**
trans-1,2-Dichloroethene	500	0.096 U	0.11 U	0.0014 U	0.0015 U	0.1 U	0.097 U	0.0022 UJ	0.0016 U	0.002 U	0.091 U
trans-1,3-Dichloropropene	NA	0.064 U	0.072 U	0.00093 U	0.001 U	0.068 U	0.065 U	0.0015 R	0.0011 U	0.0014 U	0.061 U
Trichloroethene	200	**4.4**	**5.2**	0.00046 U	**0.0025**	**4.9**	**4**	**0.001 J**	**0.0015**	**0.00085**	**4.8**
Trichlorofluoromethane (CFC-11)	NA	0.26 U	0.29 U	0.0037 U	0.0041 U	0.27 U	0.26 U	0.0059 U	0.0042 U	0.0055 U	0.24 U
Trifluorotrichloroethane (Freon 113)	NA	0.26 U	0.29 U	0.0037 U	0.0041 U	0.27 U	0.26 U	0.0059 U	0.0042 U	0.0055 U	0.24 U
Vinyl chloride	13	0.064 U	0.072 U	0.00093 U	0.001 U	0.068 U	0.065 U	0.0015 U	0.0011 U	0.0014 U	0.061 U

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name Sample Name Sample Date Sample Type Lab Sample ID	6 NYCRR Part 375 Commercial Soil Cleanup Objective	TB-DOC52 TB-DOC52-062424-0730 06/24/2024 Primary L2435588-03	TB-DOC53 TB-DOC53-062424-0740 06/24/2024 Primary L2435588-04	TB-DOC54 TB-DOC54-062424-0750 06/24/2024 Primary L2435588-05	TB-DOC55 TB-DOC55-062424-0800 06/24/2024 Primary L2435588-06	TB-DOC56 TB-DOC56-062424-0815 06/24/2024 Primary L2435588-07	TB-DOC57 TB-DOC57-062424-0830 06/24/2024 Primary L2435588-08	TB-DOC58 TB-DOC58-062424-0840 06/24/2024 Primary L2435588-09	TB-DOC59 TB-DOC59-062424-0900 06/24/2024 Primary L2435588-10	TB-DOC60 TB-DOC60-062424-0910 06/24/2024 Primary L2435588-11	TB-DOC61 TB-DOC61-062424-0925 06/24/2024 Primary L2435588-12
Semi-Volatile Organic Compounds (mg/kg)											
1,2,4,5-Tetrachlorobenzene	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
1,4-Dioxane	130	-	-	-	-	-	-	0.032 UJ	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U	0.21 U	0.25 U	0.21 U	0.25 U	0.22 U
2,3,4,6-Tetrachlorophenol	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
2,4,5-Trichlorophenol	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
2,4,6-Trichlorophenol	NA	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.13 U	0.1 U	0.12 U	0.11 U
2,4-Dichlorophenol	NA	0.15 U	0.15 U	0.16 U	0.16 U	0.16 U	0.16 U	0.19 U	0.16 U	0.19 U	0.16 U
2,4-Dimethylphenol	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
2,4-Dinitrophenol	NA	0.81 U	0.82 U	0.85 U	0.84 U	0.85 U	0.83 U	1 R	0.84 U	1 U	0.86 U
2,4-Dinitrotoluene	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
2,6-Dinitrotoluene	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
2-Chloronaphthalene	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
2-Chlorophenol	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
2-Methylnaphthalene	NA	**0.77**	**0.61**	**0.19 J**	**0.47**	**1.2**	**0.85**	**1.5**	**0.27**	**0.85**	**1**
2-Methylphenol (o-Cresol)	500	0.17 U	0.17 U	0.18 U	0.18 U	**0.027 J**	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
2-Nitroaniline	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
2-Nitrophenol	NA	0.36 U	0.37 U	0.38 U	0.38 U	0.38 U	0.37 U	0.46 UJ	0.38 U	0.45 U	0.39 U
3&4-Methylphenol	NA	**0.038 J**	**0.027 J**	0.25 U	**0.033 J**	**0.07 J**	**0.038 J**	**0.068 J**	0.25 U	**0.086 J**	**0.065 J**
3,3'-Dichlorobenzidine	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 UJ	0.18 U	0.21 U	0.18 U
3-Nitroaniline	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
4,6-Dinitro-2-methylphenol	NA	0.44 U	0.44 U	0.46 U	0.46 U	0.46 U	0.45 U	0.55 R	0.46 U	0.54 U	0.47 U
4-Bromophenyl phenyl ether (BDE-3)	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
4-Chloro-3-methylphenol	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
4-Chloroaniline	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
4-Chlorophenyl phenyl ether	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
4-Nitroaniline	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 UJ	0.18 U	0.21 U	0.18 U
4-Nitrophenol	NA	0.24 U	0.24 U	0.25 U	0.24 U	0.25 U	0.24 U	0.29 U	0.24 U	0.29 U	0.25 U
Acenaphthene	500	**0.12 J**	**0.098 J**	**0.078 J**	**0.2**	**0.2**	**0.077 J**	**0.23**	**0.15**	**0.18**	**0.32**
Acenaphthylene	500	**1.2**	**1**	**0.57**	**1.1**	**1.6**	**0.75**	**1.6**	**0.97**	**1.1**	**1.2**
Acetophenone	NA	**0.11 J**	**0.11 J**	**0.033 J**	**0.072 J**	**0.15 J**	**0.13 J**	**0.24**	**0.057 J**	**0.13 J**	**0.16 J**
Anthracene	500	**1**	**1**	**0.43**	**1.2**	**2.2**	**0.71**	**1.3**	**0.68**	**1.1**	**1.4**
Atrazine	NA	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.17 U	0.14 U	0.17 U	0.14 U
Benzaldehyde	NA	0.22 U	0.22 U	0.23 U	0.23 U	**0.38**	0.23 U	**0.59**	**0.13 J**	0.27 U	0.24 U
Benzo(a)anthracene	5.6	**2.1**	**2**	**1.1**	**2.2**	**3.4**	**1.2**	**3.1**	**1.5**	**2.6**	**2.6**
Benzo(a)pyrene	1	**2.8**	**2.8**	**1.4**	**3.2**	**4.4**	**1.3**	**4.1**	**1.8**	**3.2**	**3**
Benzo(b)fluoranthene	5.6	**3.9**	**3.4**	**1.7**	**3.8**	**6.5**	**2.2**	**5.3**	**2.3**	**4.4**	**4.2**
Benzo(g,h,i)perylene	500	**2.3**	**2.3**	**1.2**	**2.8**	**3.1**	**1.4**	**3.7**	**1.7**	**2.4**	**2.6**
Benzo(k)fluoranthene	56	**0.92**	**1**	**0.46**	**1.1**	**1.7**	**0.54**	**1.3**	**0.66**	**1.3**	**1.3**
Biphenyl	NA	**0.14 J**	**0.099 J**	**0.056 J**	**0.09 J**	**0.14 J**	**0.1 J**	**0.2 J**	**0.069 J**	**0.12 J**	**0.15 J**
bis(2-Chloroethoxy)methane	NA	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U	0.23 U	0.19 U	0.22 U	0.19 U
bis(2-Chloroethyl)ether	NA	0.15 U	0.15 U	0.16 U	0.16 U	0.16 U	0.16 U	0.19 U	0.16 U	0.19 U	0.16 U
bis(2-Ethylhexyl)phthalate	NA	**0.24**	**0.22**	0.18 U	**0.23**	**0.77**	**0.5**	**0.32**	**0.066 J**	**0.21**	**0.2**
Butyl benzylphthalate (BBP)	NA	**0.39**	**0.37**	**0.088 J**	**0.26**	**0.98**	**0.54**	**0.37**	**0.12 J**	0.21 U	**0.25**
Caprolactam	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
Carbazole	NA	**0.17**	**0.15 J**	**0.12 J**	**0.2**	**0.32**	**0.13 J**	**0.22**	**0.11 J**	**0.26**	**0.24**
Chrysene	56	**2.2**	**2.2**	**1.3**	**2.4**	**3.7**	**1.4**	**3.4**	**1.6**	**2.9**	**3**
Dibenz(a,h)anthracene	0.56	**0.45**	**0.42**	**0.2**	**0.48**	**0.75**	**0.29**	**0.63**	**0.26**	**0.49**	**0.5**
Dibenzofuran	350	**0.27**	**0.21**	**0.09 J**	**0.26**	**0.46**	**0.3**	**0.47**	**0.15 J**	**0.31**	**0.42**
Diethyl phthalate	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
Dimethyl phthalate	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
Di-n-butylphthalate (DBP)	NA	0.17 U	0.17 U	0.18 U	0.18 U	**0.036 J**	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
Di-n-octyl phthalate (DnOP)	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name	6 NYCRR Part 375 Commercial Soil Cleanup Objective	TB-DOC52	TB-DOC53	TB-DOC54	TB-DOC55	TB-DOC56	TB-DOC57	TB-DOC58	TB-DOC59	TB-DOC60	TB-DOC61
Sample Name		TB-DOC52-062424-0730	TB-DOC53-062424-0740	TB-DOC54-062424-0750	TB-DOC55-062424-0800	TB-DOC56-062424-0815	TB-DOC57-062424-0830	TB-DOC58-062424-0840	TB-DOC59-062424-0900	TB-DOC60-062424-0910	TB-DOC61-062424-0925
Sample Date		06/24/2024	06/24/2024	06/24/2024	06/24/2024	06/24/2024	06/24/2024	06/24/2024	06/24/2024	06/24/2024	06/24/2024
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Lab Sample ID		L2435588-03	L2435588-04	L2435588-05	L2435588-06	L2435588-07	L2435588-08	L2435588-09	L2435588-10	L2435588-11	L2435588-12
Fluoranthene	500	**2.8**	**2.9**	**1.9**	**3.4**	**4.3**	**1.5**	**3.9**	**2.3**	**3.7**	**3.8**
Fluorene	500	**0.2**	**0.2**	**0.11 J**	**0.32**	**0.28**	**0.13 J**	**0.35**	**0.19**	**0.25**	**0.38**
Hexachlorobenzene	6	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U	0.13 U	0.1 U	0.12 U	0.11 U
Hexachlorobutadiene	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
Hexachlorocyclopentadiene	NA	0.48 U	0.48 U	0.5 U	0.5 U	0.5 U	0.49 U	0.6 R	0.5 U	0.6 U	0.51 U
Hexachloroethane	NA	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.17 UJ	0.14 U	0.17 U	0.14 U
Indeno(1,2,3-cd)pyrene	5.6	**1.9**	**1.8**	**1**	**2.1**	**3**	**1.2**	**2.9**	**1.4**	**2.1**	**2.1**
Isophorone	NA	0.15 U	0.15 U	0.16 U	0.16 U	0.16 U	0.16 U	0.19 U	0.16 U	0.19 U	0.16 U
Naphthalene	500	**0.8**	**0.74**	**0.31**	**0.58**	**1.1**	**0.56**	**1.5**	**0.34**	**0.73**	**0.96**
Nitrobenzene	NA	0.15 U	0.15 U	0.16 U	0.16 U	0.16 U	0.16 U	0.19 U	0.16 U	0.19 U	0.16 U
N-Nitrosodi-n-propylamine	NA	0.17 U	0.17 U	0.18 U	0.18 U	0.18 U	0.17 U	0.21 U	0.18 U	0.21 U	0.18 U
N-Nitrosodiphenylamine	NA	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.17 U	0.14 U	0.17 U	0.14 U
Pentachlorophenol	6.7	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.17 U	0.14 U	0.17 U	0.14 U
Phenanthrene	500	**1.5**	**1.8**	**1.4**	**2.2**	**2.6**	**1.3**	**2.9**	**1.7**	**2.6**	**3**
Phenol	500	0.17 U	0.17 U	0.18 U	0.18 U	**0.041 J+**	0.17 U	**0.042 J+**	0.18 U	**0.04 J+**	**0.035 J+**
Pyrene	500	**3.4**	**3.7**	**2.1**	**4.1**	**4.3**	**1.6**	**4.9**	**2.7**	**3.5**	**3.9**
Inorganic Compounds (mg/kg)											
Aluminum	NA	**3370**	**4240**	**4620**	**4320**	**3540**	**2670**	**4640**	**4960**	**5460**	**3940**
Antimony	NA	**3.09 J**	**2.65 J**	**0.735 J**	**2.63 J**	**6.04**	**4.73**	**4.35 J**	**0.617 J**	**12.5**	**4.87**
Arsenic	16	**52.7 J-**	**54.8 J-**	**9.62 J-**	**48.8 J-**	**123 J-**	**109 J-**	**43.8 J-**	**14.1 J-**	**57.2 J-**	**43.6 J-**
Barium	400	**52.1**	**71.6**	**40.7**	**67.9**	**61.4**	**67.6**	**75.4**	**51.4**	**110**	**71.9**
Beryllium	590	**0.258 J**	**0.303 J**	**0.253 J**	**0.329 J**	**0.324 J**	**0.336 J**	**0.408 J**	**0.304 J**	**0.452 J**	**0.338 J**
Cadmium	9.3	**0.556 J-**	**0.634 J-**	**0.382 J-**	**0.635 J-**	**0.801 J-**	**0.603 J-**	**0.156 J-**	**0.404 J-**	**1.18 J-**	**0.623 J-**
Calcium	NA	**65700**	**60000**	**25800**	**47300**	**47000**	**29600**	**58500**	**27800**	**50400**	**59200**
Chromium	NA	**7.1 J-**	**7.84 J-**	**5.98 J-**	**7.76 J-**	**25.5 J-**	**6.7 J-**	**9.29 J-**	**6.24 J-**	**11.3 J-**	**6.96 J-**
Cobalt	NA	**4.89**	**5.72**	**4.86**	**6.07**	**6.39**	**6.03**	**6.08**	**4.93**	**6.69**	**6.41**
Copper	270	**53.8 J-**	**53.4 J-**	**21.9 J-**	**87 J-**	**77.8 J-**	**76.2 J-**	**71.6 J-**	**31.8 J-**	**117 J-**	**59.3 J-**
Iron	NA	**14200**	**18300**	**9750**	**15500**	**21800**	**17800**	**40100**	**10800**	**20800**	**17300**
Lead	1000	**162 J-**	**169 J-**	**143 J-**	**206 J-**	**223 J-**	**155 J-**	**200 J-**	**137 J-**	**587 J-**	**161 J-**
Magnesium	NA	**18200**	**15700**	**6000**	**13100**	**15900**	**9970**	**16900**	**5330**	**15400**	**16800**
Manganese	10000	**269**	**301**	**362**	**335**	**334**	**183**	**362**	**319**	**368**	**297**
Mercury	2.8	**0.653**	**0.748**	**0.614**	**0.624**	**0.579**	**0.804**	**0.687**	**0.514**	**1.37**	**1.04**
Nickel	310	**10.5**	**12.1**	**9.33**	**12.8**	**17.6**	**12.8**	**16.2**	**8.77**	**13.7**	**10.8**
Potassium	NA	**443 J+**	**533 J+**	**466 J+**	**479 J+**	**440 J+**	**330 J+**	**621 J+**	**537 J+**	**681 J+**	**588 J+**
Selenium	1500	**0.425 J**	**0.919 J**	**0.364 J**	**0.466 J**	**0.837 J**	**0.968 J**	**0.863 J**	**0.369 J**	**1.33 J**	**0.882 J**
Silver	1500	**0.384 J**	**0.411**	0.417 U	**0.432**	**0.501**	**0.379 J**	0.491 U	**0.268 J**	**0.631**	**0.337 J**
Sodium	NA	**157 J**	**179**	**75.4 J**	**162**	**154 J**	**103 J**	**209**	**110 J**	**202**	**178**
Thallium	NA	1.59 U	1.56 U	1.67 U	1.62 U	1.65 U	1.62 U	1.96 U	1.63 U	1.97 U	1.64 U
Vanadium	NA	**9.28**	**10.9**	**9.52**	**11.1**	**10.3**	**9.53**	**15.8**	**10.2**	**12.5**	**9.84**
Zinc	10000	**215**	**222**	**125**	**220**	**244**	**294**	**309**	**135**	**645**	**365**
Other											
Total Solids (%)	NA	**96**	**95.8**	**91.4**	**94.4**	**92.8**	**95.2**	**77.5**	**92.4**	**79.6**	**92.6**
Cyanide (mg/kg)	27	1 U	1 U	1 U	1 U	1 U	1 U	1.2 U	**0.26 J**	**0.43 J**	**0.46 J**

Notes and Abbreviations:

*1. Results in **bold** are detected.*

2. Results qualifiers defined as follows:

U: Not detected above the indicated reporting limit.

J: Estimated result.

J-: Estimated result, low bias.

3. mg/kg = milligrams per kilogram

- Orange shading indicates an exceedance of the 6 NYCRR Part 375 Commercial Soil Cleanup Objective.

- Gray shading indicates interim documentation soil sample. Soils were

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name Sample Name Sample Date Sample Type Lab Sample ID	6 NYCRR Part 375 Commercial Soil Cleanup Objective	TB-DOC62 TB-DOC62-062424-0940 06/24/2024 Primary L2435588-13	TB-DOC63 TB-DOC63-070824-1050 07/08/2024 Primary L2438205-01	TB-DOC63 TB-DOC63-071024-1050 07/10/2024 Primary L2438667-01	TB-DOC64 TB-DOC64-070824-1340 07/08/2024 Primary L2438205-02	TB-DOC64 TB-DOC64-071024-1030 07/10/2024 Primary L2438667-02
Volatile Organic Compounds (mg/kg)						
1,1,1-Trichloroethane	500	0.042 U	0.36 U	-	0.4 U	-
1,1,2,2-Tetrachloroethane	NA	0.042 U	**0.34 J**	-	0.4 U	-
1,1,2-Trichloroethane	NA	0.083 U	**0.49 J**	-	0.8 U	-
1,1-Dichloroethane	240	0.083 U	0.71 U	-	0.8 U	-
1,1-Dichloroethene	500	0.083 U	0.71 U	-	0.8 U	-
1,2,3-Trichlorobenzene	NA	0.17 U	1.4 U	-	1.6 U	-
1,2,4-Trichlorobenzene	NA	0.17 U	1.4 U	-	1.6 U	-
1,2-Dibromo-3-chloropropane (DBCP)	NA	0.25 U	2.1 U	-	2.4 U	-
1,2-Dibromoethane (Ethylene Dibromide)	NA	0.083 U	0.71 U	-	0.8 U	-
1,2-Dichlorobenzene	500	0.17 U	1.4 U	-	1.6 U	-
1,2-Dichloroethane	30	0.083 U	0.71 U	-	0.8 U	-
1,2-Dichloropropane	NA	0.083 U	0.71 U	-	0.8 U	-
1,3-Dichlorobenzene	280	0.17 U	1.4 U	-	1.6 U	-
1,4-Dichlorobenzene	130	0.17 U	1.4 U	-	1.6 U	-
1,4-Dioxane	130	6.6 U	57 U	-	64 U	-
2-Butanone (Methyl Ethyl Ketone)	500	0.83 U	7.1 U	-	8 U	-
2-Hexanone (Methyl Butyl Ketone)	NA	0.83 U	7.1 U	-	8 U	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	NA	0.83 U	7.1 U	-	8 U	-
Acetone	500	0.83 U	7.1 U	-	8 U	-
Benzene	44	**0.034 J**	0.36 U	-	0.4 U	-
Bromodichloromethane	NA	0.042 U	0.36 U	-	0.4 U	-
Bromoform	NA	0.33 U	2.8 U	-	3.2 U	-
Bromomethane (Methyl Bromide)	NA	0.17 U	1.4 U	-	1.6 U	-
Carbon disulfide	NA	0.83 U	7.1 U	-	8 U	-
Carbon tetrachloride	22	0.083 U	0.71 U	-	0.8 U	-
Chlorobenzene	500	0.042 U	0.36 U	-	0.4 U	-
Chlorobromomethane	NA	0.17 U	1.4 U	-	1.6 U	-
Chloroethane	NA	0.17 U	1.4 U	-	1.6 U	-
Chloroform (Trichloromethane)	350	0.12 U	1.1 U	-	1.2 U	-
Chloromethane (Methyl Chloride)	NA	0.33 U	2.8 U	-	3.2 U	-
cis-1,2-Dichloroethene	500	0.083 U	0.71 U	-	0.8 U	-
cis-1,3-Dichloropropene	NA	0.042 U	0.36 U	-	0.4 U	-
Cyclohexane	NA	**0.16 J**	7.1 U	-	8 U	-
Dibromochloromethane	NA	0.083 U	0.71 U	-	0.8 U	-
Dichlorodifluoromethane (CFC-12)	NA	0.83 U	7.1 U	-	8 U	-
Ethylbenzene	390	**0.033 J**	0.71 U	-	0.8 U	-
Isopropylbenzene (Cumene)	NA	**0.029 J**	0.71 U	-	0.8 U	-
m,p-Xylenes	NA	**0.15 J**	1.4 U	-	1.6 U	-
Methyl acetate	NA	**0.31 J**	2.8 U	-	3.2 U	-
Methyl Tert Butyl Ether (MTBE)	500	0.17 U	1.4 U	-	1.6 U	-
Methylcyclohexane	NA	**0.64**	2.8 U	-	3.2 U	-
Methylene chloride (Dichloromethane)	500	0.42 U	3.6 U	-	4 U	-
o-Xylene	NA	**0.13**	0.71 U	-	0.8 U	-
Styrene	NA	0.083 U	0.71 U	-	0.8 U	-
Tetrachloroethene	150	**0.038 J**	**1.6**	-	**0.39 J**	-
Toluene	500	**0.098**	0.71 U	-	0.8 U	-
trans-1,2-Dichloroethene	500	0.12 U	1.1 U	-	1.2 U	-
trans-1,3-Dichloropropene	NA	0.083 U	0.71 U	-	0.8 U	-
Trichloroethene	200	**3.4**	**48**	-	**38**	-
Trichlorofluoromethane (CFC-11)	NA	0.33 U	2.8 U	-	3.2 U	-
Trifluorotrichloroethane (Freon 113)	NA	0.33 U	2.8 U	-	3.2 U	-
Vinyl chloride	13	0.083 U	0.71 U	-	0.8 U	-

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name Sample Name Sample Date Sample Type Lab Sample ID	6 NYCRR Part 375 Commercial Soil Cleanup Objective	TB-DOC62 TB-DOC62-062424-0940 06/24/2024 Primary L2435588-13	TB-DOC63 TB-DOC63-070824-1050 07/08/2024 Primary L2438205-01	TB-DOC63 TB-DOC63-071024-1050 07/10/2024 Primary L2438667-01	TB-DOC64 TB-DOC64-070824-1340 07/08/2024 Primary L2438205-02	TB-DOC64 TB-DOC64-071024-1030 07/10/2024 Primary L2438667-02
Semi-Volatile Organic Compounds (mg/kg)						
1,2,4,5-Tetrachlorobenzene	NA	0.17 U	-	0.18 U	-	0.19 U
1,4-Dioxane	130	-	-	-	-	-
2,2'-oxybis(1-Chloropropane)	NA	0.21 U	-	0.22 U	-	0.22 U
2,3,4,6-Tetrachlorophenol	NA	0.17 U	-	0.18 U	-	0.19 U
2,4,5-Trichlorophenol	NA	0.17 U	-	0.18 U	-	0.19 U
2,4,6-Trichlorophenol	NA	0.1 U	-	0.11 U	-	0.11 U
2,4-Dichlorophenol	NA	0.16 U	-	0.17 U	-	0.17 U
2,4-Dimethylphenol	NA	0.17 U	-	0.18 U	-	0.19 U
2,4-Dinitrophenol	NA	0.84 U	-	0.88 U	-	0.89 U
2,4-Dinitrotoluene	NA	0.17 U	-	0.18 U	-	0.19 U
2,6-Dinitrotoluene	NA	0.17 U	-	0.18 U	-	0.19 U
2-Chloronaphthalene	NA	0.17 U	-	0.18 U	-	0.19 U
2-Chlorophenol	NA	0.17 U	-	0.18 U	-	0.19 U
2-Methylnaphthalene	NA	**1.3**	-	**0.24**	-	**0.075 J**
2-Methylphenol (o-Cresol)	500	0.17 U	-	0.18 U	-	0.19 U
2-Nitroaniline	NA	0.17 U	-	0.18 U	-	0.19 U
2-Nitrophenol	NA	0.38 U	-	0.4 U	-	0.4 U
3&4-Methylphenol	NA	**0.059 J**	-	**0.031 J**	-	0.27 U
3,3'-Dichlorobenzidine	NA	0.17 U	-	0.18 U	-	0.19 U
3-Nitroaniline	NA	0.17 U	-	0.18 U	-	0.19 U
4,6-Dinitro-2-methylphenol	NA	0.45 U	-	0.48 U	-	0.48 U
4-Bromophenyl phenyl ether (BDE-3)	NA	0.17 U	-	0.18 U	-	0.19 U
4-Chloro-3-methylphenol	NA	0.17 U	-	0.18 U	-	0.19 U
4-Chloroaniline	NA	0.17 U	-	0.18 U	-	0.19 U
4-Chlorophenyl phenyl ether	NA	0.17 U	-	0.18 U	-	0.19 U
4-Nitroaniline	NA	0.17 U	-	0.18 U	-	0.19 U
4-Nitrophenol	NA	0.24 U	-	0.26 U	-	0.26 U
Acenaphthene	500	**0.25**	-	**0.047 J**	-	**0.032 J**
Acenaphthylene	500	**1.7**	-	**0.52**	-	**0.63**
Acetophenone	NA	**0.24**	-	**0.057 J**	-	**0.061 J**
Anthracene	500	**1.7**	-	**0.37**	-	**0.25**
Atrazine	NA	0.14 U	-	0.15 U	-	0.15 U
Benzaldehyde	NA	0.23 U	-	0.24 U	-	0.24 U
Benzo(a)anthracene	5.6	**3.6**	-	**0.76**	-	**1**
Benzo(a)pyrene	1	**4.8**	-	**0.98**	-	**1.4**
Benzo(b)fluoranthene	5.6	**6**	-	**1.5**	-	**1.7**
Benzo(g,h,i)perylene	500	**4.5**	-	**0.88**	-	**1.7**
Benzo(k)fluoranthene	56	**1.4**	-	**0.34**	-	**0.55**
Biphenyl	NA	**0.18 J**	-	**0.039 J**	-	**0.028 J**
bis(2-Chloroethoxy)methane	NA	0.19 U	-	0.2 U	-	0.2 U
bis(2-Chloroethyl)ether	NA	0.16 U	-	0.17 U	-	0.17 U
bis(2-Ethylhexyl)phthalate	NA	**0.61**	-	**0.087 J**	-	**0.25**
Butyl benzylphthalate (BBP)	NA	**0.79**	-	**0.22**	-	**0.49**
Caprolactam	NA	0.17 U	-	0.18 U	-	0.19 U
Carbazole	NA	**0.26**	-	**0.087 J**	-	**0.045 J**
Chrysene	56	**3.7**	-	**0.82**	-	**0.99**
Dibenz(a,h)anthracene	0.56	**0.84**	-	**0.19**	-	**0.19**
Dibenzofuran	350	**0.48**	-	**0.12 J**	-	**0.04 J**
Diethyl phthalate	NA	0.17 U	-	0.18 U	-	0.19 U
Dimethyl phthalate	NA	0.17 U	-	0.18 U	-	0.19 U
Di-n-butylphthalate (DBP)	NA	**0.043 J**	-	0.18 U	-	0.19 U
Di-n-octyl phthalate (DnOP)	NA	0.17 U	-	0.18 U	-	0.19 U

TABLE III
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - VOCs, SVOCs, METALS, AND CYANIDE - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name	6 NYCRR Part 375 Commercial Soil Cleanup Objective	TB-DOC62	TB-DOC63	TB-DOC63	TB-DOC64	TB-DOC64
Sample Name		TB-DOC62-062424-0940	TB-DOC63-070824-1050	TB-DOC63-071024-1050	TB-DOC64-070824-1340	TB-DOC64-071024-1030
Sample Date		06/24/2024	07/08/2024	07/10/2024	07/08/2024	07/10/2024
Sample Type		Primary	Primary	Primary	Primary	Primary
Lab Sample ID		L2435588-13	L2438205-01	L2438667-01	L2438205-02	L2438667-02
Fluoranthene	500	**4.3**	-	**1**	-	**1.6**
Fluorene	500	**0.35**	-	**0.079 J**	-	**0.061 J**
Hexachlorobenzene	6	0.1 U	-	0.11 U	-	0.11 U
Hexachlorobutadiene	NA	0.17 U	-	0.18 U	-	0.19 U
Hexachlorocyclopentadiene	NA	0.5 U	-	0.53 U	-	0.53 U
Hexachloroethane	NA	0.14 U	-	0.15 U	-	0.15 U
Indeno(1,2,3-cd)pyrene	5.6	**3.9**	-	**0.76**	-	**1.2**
Isophorone	NA	0.16 U	-	0.17 U	-	0.17 U
Naphthalene	500	**1.2**	-	**0.25**	-	**0.18 J**
Nitrobenzene	NA	0.16 U	-	0.17 U	-	0.17 U
N-Nitrosodi-n-propylamine	NA	0.17 U	-	0.18 U	-	0.19 U
N-Nitrosodiphenylamine	NA	0.14 U	-	0.15 U	-	0.15 U
Pentachlorophenol	6.7	0.14 U	-	0.15 U	-	0.15 U
Phenanthrene	500	**3.3**	-	**0.72**	-	**0.61**
Phenol	500	**0.046 J+**	-	0.18 U	-	0.19 U
Pyrene	500	**4.8**	-	**1.1**	-	**2.2**
Inorganic Compounds (mg/kg)						
Aluminum	NA	**2310**	-	**3890**	-	**4810**
Antimony	NA	**3.2 J**	-	**3.95 J**	-	**1.11 J**
Arsenic	16	**84.9 J-**	-	**30.8**	-	**18.**
Barium	400	**55.7**	-	**51.3**	-	**58**
Beryllium	590	**0.253 J**	-	**0.36 J**	-	**0.31 J**
Cadmium	9.3	**0.892 J-**	-	**0.242 J**	-	**0.156 J**
Calcium	NA	**66200**	-	**38700**	-	**38800**
Chromium	NA	**7.22 J-**	-	**8.87 J**	-	**7.94 J**
Cobalt	NA	**5.33**	-	**5.05**	-	**4.28**
Copper	270	**61.6 J-**	-	**67.4**	-	**45.4**
Iron	NA	**17700**	-	**30700 J**	-	**16100 J**
Lead	1000	**207 J-**	-	**192**	-	**158**
Magnesium	NA	**23100**	-	**15600**	-	**8940**
Manganese	10000	**288**	-	**476 J**	-	**350 J**
Mercury	2.8	**1.8**	-	**0.381**	-	**0.229**
Nickel	310	**10.8**	-	**12.9**	-	**430.**
Potassium	NA	**471 J+**	-	**392**	-	**433**
Selenium	1500	**0.248 J**	-	**0.79 J**	-	**0.422 J**
Silver	1500	**0.625**	-	**0.365 J**	-	**0.604**
Sodium	NA	**126 J**	-	**95.2 J**	-	**95.2 J**
Thallium	NA	1.62 U	-	1.71 U	-	1.76 U
Vanadium	NA	**7.14**	-	**15.1**	-	**14.6**
Zinc	10000	**827**	-	**90 J-**	-	**78.1 J-**
Other						
Total Solids (%)	NA	**94.6**	**80.2**	**89.4**	**87.3**	**89.4**
Cyanide (mg/kg)	27	**0.4 J**	-	1.1 U	-	**0.39 J**

Notes and Abbreviations:

*1. Results in **bold** are detected.*

2. Results qualifiers defined as follows:

U: Not detected above the indicated reporting limit.

J: Estimated result.

J-: Estimated result, low bias.

3. mg/kg = milligrams per kilogram

- Orange shading indicates an exceedance of the 6 NYCRR Part 375 Commercial Soil Cleanup Objective.

- Gray shading indicates interim documentation soil sample. Soils were

TABLE IV
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - PCBS, HERBICIDES, PESTICIDES, AND PFAS - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID	6 NYCRR Part 375 Commercial Soil Cleanup Objective / Guidance Value	TB-DOC2 TB-DOC2-060424-1000 06/04/2024 L2430944-02	TB-DOC6 TB-DOC6-060424-1250 06/04/2024 L2430944-06	TB-DOC15 TB-DOC15-061224-0850 06/12/2024 L2433099-03	TB-DOC21 TB-DOC21-061224-1300 06/12/2024 L2433099-09	TB-DOC31 TB-DOC31-061324-1340 06/13/2024 L2433539-09 INTERIM	TB-DOC49 TB-DOC49-062024-1145 06/20/2024 L2435063-03	TB-DOC58 TB-DOC58-062424-0840 06/24/2024 L2435588-09
PCBs (mg/kg)								
Aroclor-1016 (PCB-1016)	NA	0.0571 U	0.057 U	0.0557 U	0.0527 U	0.0514 U	0.057 U	0.0591 U
Aroclor-1221 (PCB-1221)	NA	0.0571 U	0.057 U	0.0557 U	0.0527 U	0.0514 U	0.057 U	0.0591 U
Aroclor-1232 (PCB-1232)	NA	0.0571 U	0.057 U	0.0557 U	0.0527 U	0.0514 U	0.057 U	0.0591 U
Aroclor-1242 (PCB-1242)	NA	0.0571 U	0.057 U	0.0557 U	0.0527 U	0.0514 U	0.057 U	0.0591 U
Aroclor-1248 (PCB-1248)	NA	0.0571 U	0.057 U	0.0557 U	0.0527 U	0.0514 U	0.057 U	**0.0246 J**
Aroclor-1254 (PCB-1254)	NA	**0.0332 J**	0.057 U	0.0557 U	0.0527 U	**0.0386 J**	**0.0136 J**	**0.0228 J**
Aroclor-1260 (PCB-1260)	NA	**0.0209 J**	**0.0414 J**	**0.0699**	0.0527 U	**0.106**	**0.0169 J**	**0.0423 J**
Aroclor-1262 (PCB-1262)	NA	0.0571 U	0.057 U	0.0557 U	0.0527 U	0.0514 U	0.057 U	0.0591 U
Aroclor-1268 (PCB-1268)	NA	0.0571 U	0.057 U	0.0557 U	0.0527 U	0.0514 U	0.057 U	0.0591 U
Polychlorinated biphenyls (PCBs)	1	**0.0541 J**	**0.0414 J**	**0.0699**	0.0527 U	**0.145 J**	**0.0305 J**	**0.0897 J**
Herbicides (mg/kg)								
2,4,5-T	NA	0.198 U	0.194 U	0.188 U	0.183 U	0.178 U	0.193 U	0.209 U
2,4,5-TP (Silvex)	500	0.198 U	0.194 U	0.188 U	0.183 U	0.178 U	0.193 U	0.209 U
2,4-Dichlorophenoxyacetic acid (2,4-D)	NA	0.198 U	0.194 U	0.188 U	0.183 U	0.178 U	0.193 U	0.209 U
Pesticides (mg/kg)								
4,4'-DDD	92	0.00185 U	0.00185 U	0.00178 U	0.00174 U	0.00167 U	0.00179 U	0.002 U
4,4'-DDE	62	**0.000576 J**	**0.00057 J**	0.00178 U	0.00174 U	0.00167 U	**0.0011 J**	**0.00161 J**
4,4'-DDT	47	**0.00194 J**	**0.0073**	**0.00395**	**0.00185**	**0.0134**	**0.00173 J**	**0.00726**
Aldrin	0.68	0.00185 U	0.00185 U	0.00178 U	0.00174 U	0.00167 U	0.00179 U	0.002 U
alpha-BHC	3.4	0.000772 U	0.000771 U	0.000741 U	0.000724 U	0.000697 U	0.000747 U	0.000835 U
alpha-Chlordane (cis)	24	0.00232 U	**0.000895 J**	**0.0018 J**	0.00217 U	0.00209 U	0.00224 U	0.0025 U
beta-BHC	3	0.00185 U	0.00185 U	0.00178 U	0.00174 U	0.00167 U	0.00179 U	0.002 U
Chlordane	NA	0.0154 U	0.0154 U	**0.0102 J**	0.0145 U	0.0139 U	0.0149 U	0.0167 U
delta-BHC	500	0.00185 U	0.00185 U	0.00178 U	0.00174 U	0.00167 U	0.00179 U	0.002 U
Dieldrin	1.4	0.00116 U	0.00116 U	0.00111 U	0.00109 U	0.00104 U	0.00112 U	0.00125 U
Endosulfan I	200	0.00185 U	0.00185 U	0.00178 U	0.00174 U	0.00167 U	0.00179 U	0.002 U
Endosulfan II	200	0.00185 U	0.00185 U	0.00178 U	0.00174 U	0.00167 U	0.00179 U	0.002 U
Endosulfan sulfate	200	0.000772 U	0.000771 U	0.000741 U	0.000724 U	0.000697 U	0.000747 U	0.000835 U
Endrin	89	0.000772 U	0.000771 U	0.000741 U	0.000724 U	0.000697 U	0.000747 U	0.000835 U
Endrin aldehyde	NA	0.00232 U	0.00231 U	0.00222 U	0.00217 U	0.00209 U	0.00224 U	0.0025 U
Endrin ketone	NA	0.00185 U	0.00185 U	0.00178 U	0.00174 U	0.00167 U	0.00179 U	0.002 U
gamma-BHC (Lindane)	9.2	0.000772 U	0.000771 U	0.000741 U	0.000724 U	0.000697 U	0.000747 U	0.000835 U
gamma-Chlordane (trans)	NA	0.00232 U	**0.00184 J**	**0.00128 J**	0.00217 U	0.00209 U	**0.0016 J**	0.0025 U
Heptachlor	15	0.000927 U	0.000926 U	0.000889 U	0.000869 U	0.000836 U	0.000896 U	0.001 U
Heptachlor epoxide	NA	0.00348 U	0.00347 U	0.00334 U	0.00326 U	0.00314 U	0.00336 U	0.00376 U
Methoxychlor	NA	0.00348 U	0.00347 U	0.00334 U	0.00326 U	0.00314 U	0.00336 U	0.00376 U
Toxaphene	NA	0.0348 U	0.0347 U	0.0334 U	0.0326 U	0.0314 U	0.0336 U	0.0376 U
PFAS (mg/kg)								
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	NA	0.000797 U	0.000794 U	0.000726 U	0.000763 U	0.000794 U	0.000776 U	0.000789 UJ
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	NA	0.00498 U	0.00496 U	0.00454 U	0.00477 U	0.00496 U	0.00485 U	0.00493 U
3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	NA	0.00498 U	0.00496 U	0.00454 U	0.00477 U	0.00496 UJ	0.00485 U	0.00493 UJ
3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	NA	0.000997 U	0.000993 U	0.000908 U	0.000954 U	0.000993 U	0.00097 U	0.000986 UJ
4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	NA	0.000797 U	0.000794 U	0.000726 U	0.000763 U	0.000794 U	0.000776 U	0.000789 UJ
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	NA	0.000797 UJ	0.000794 UJ	0.000726 U	0.000763 U	0.000794 U	0.000776 U	0.000789 UJ
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	NA	0.000797 U	0.000794 U	0.000726 U	0.000763 U	0.000794 U	0.000776 U	**0.00115**
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	NA	0.000797 UJ	0.000794 UJ	0.000726 U	0.000763 U	0.000794 U	0.000776 U	0.000789 UJ
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	NA	0.000797 U	0.000794 U	0.000726 U	0.000763 U	0.000794 U	0.000776 U	0.000789 UJ
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NA	0.000199 UJ	0.000198 UJ	0.000182 UJ	0.000191 UJ	0.000198 U	0.000194 UJ	0.000197 UJ
N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	NA	0.000199 U	0.000198 U	0.000182 U	0.000191 U	0.000198 U	0.000194 U	0.000197 UJ
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	NA	0.00199 U	0.00198 U	0.00182 U	0.00191 U	0.00198 U	0.00194 U	0.00197 UJ
N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	NA	0.000199 U	0.000198 U	0.000182 U	0.000191 U	0.000198 U	0.000194 UJ	0.000197 U
N-Methylperfluorooctane sulfonamide (N-MeFOSA)	NA	0.000199 U	0.000198 U	0.000182 U	0.000191 U	0.000198 U	0.000194 UJ	0.000197 U
N-Methylperfluorooctane sulfonamidoethanol (N-MeFOSE)	NA	0.00199 U	0.00198 U	0.00182 U	0.00191 U	0.00198 U	0.00194 U	0.00197 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NA	0.000399 UJ	0.000397 UJ	0.000363 U	0.000382 U	0.000397 U	0.000388 U	0.000394 UJ
Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	NA	0.000399 U	0.000397 U	0.000363 U	0.000382 U	0.000397 U	0.000388 U	0.000394 UJ
Perfluoro(4-methoxybutanoic) acid (PFMBA)	NA	0.000399 U	0.000397 U	0.000363 U	0.000382 U	0.000397 U	0.000388 U	0.000394 U
Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	NA	0.000797 U	0.000794 U	0.000726 U	0.000763 U	0.000794 U	0.000776 U	0.000789 UJ
Perfluoro-3-methoxypropanoic acid (PFMPA)	NA	0.000399 U	0.000397 U	0.000363 U	0.000382 U	0.000397 U	0.000388 U	0.000394 U
Perfluorobutanesulfonic acid (PFBS)	NA	0.000199 U	0.000198 U	0.000182 U	0.000191 U	0.000198 U	0.000194 U	0.000197 UJ

TABLE IV
SUMMARY OF SOIL SAMPLING ANALYTICAL RESULTS - PCBS, HERBICIDES, PESTICIDES, AND PFAS - 2024
65 TROWBRIDGE STREET FORMER MGP SITE
NYSDEC SITE NO. C828217
ROCHESTER, NEW YORK

Location Name Sample Name Sample Date Lab Sample ID	6 NYCRR Part 375 Commercial Soil Cleanup Objective / Guidance Value	TB-DOC2 TB-DOC2-060424-1000 06/04/2024 L2430944-02	TB-DOC6 TB-DOC6-060424-1250 06/04/2024 L2430944-06	TB-DOC15 TB-DOC15-061224-0850 06/12/2024 L2433099-03	TB-DOC21 TB-DOC21-061224-1300 06/12/2024 L2433099-09	TB-DOC31 TB-DOC31-061324-1340 06/13/2024 L2433539-09 INTERIM	TB-DOC49 TB-DOC49-062024-1145 06/20/2024 L2435063-03	TB-DOC58 TB-DOC58-062424-0840 06/24/2024 L2435588-09
Perfluorobutanoic acid (PFBA)	NA	0.000797 U	0.000794 U	**0.000122 J**	0.000763 U	**0.000225 J**	**0.000107 J**	**0.0004 J**
Perfluorodecanesulfonic acid (PFDS)	NA	0.000199 U	0.000198 U	0.000182 U	0.000191 U	0.000198 U	0.000194 U	0.000197 U
Perfluorodecanoic acid (PFDA)	NA	**0.00013 J**	**0.000325**	0.000182 U	0.000191 U	0.000198 U	0.000194 U	**0.000092 J**
Perfluorododecane sulfonic acid (PFDoDS)	NA	0.000199 UJ	0.000198 UJ	0.000182 UJ	0.000191 UJ	0.000198 UJ	0.000194 UJ	0.000197 UJ
Perfluorododecanoic acid (PFDoDA)	NA	**0.000042 J**	**0.00011 J**	0.000182 U	0.000191 U	0.000198 U	0.000194 U	**0.000041 J**
Perfluoroheptanesulfonic acid (PFHpS)	NA	0.000199 U	0.000198 U	0.000182 U	0.000191 U	0.000198 U	0.000194 U	0.000197 U
Perfluoroheptanoic acid (PFHpA)	NA	**0.000057 J**	**0.000026 J**	**0.000041 J**	**0.000059 J**	**0.00011 J**	**0.00003 J**	**0.000096 J**
Perfluorohexanesulfonic acid (PFHxS)	NA	0.000199 U	0.000198 U	0.000182 U	0.000191 U	0.000198 U	0.000194 U	0.000197 U
Perfluorohexanoic acid (PFHxA)	NA	**0.000105 J**	**0.000072 J**	0.000182 U	**0.000044 J**	**0.000125 J**	0.000194 U	**0.000096 J**
Perfluorononane sulfonic acid (PFNS)	NA	0.000199 U	0.000198 U	0.000182 U	0.000191 U	0.000198 U	0.000194 U	0.000197 U
Perfluorononanoic acid (PFNA)	NA	**0.000082 J**	**0.000094 J**	**0.000078 J**	0.000191 U	**0.000083 J**	0.000194 U	0.000197 U
Perfluorooctane sulfonamide (PFOSA)	NA	0.000199 U	0.000198 U	0.000182 U	0.000191 U	0.000198 U	0.000194 U	0.000197 U
Perfluorooctanesulfonic acid (PFOS)	0.44	**0.000672 J**	**0.000985 J**	**0.000622**	**0.0003**	**0.00111**	**0.000573**	**0.00103 J**
Perfluorooctanoic acid (PFOA)	0.5	**0.000145 J**	**0.000129 J**	**0.000091 J**	**0.000198**	**0.000387**	**0.000056 J**	**0.00028 J**
Perfluoropentanesulfonic acid (PFPeS)	NA	0.000199 U	0.000198 U	0.000182 U	0.000191 U	0.000198 U	0.000194 U	0.000197 U
Perfluoropentanoic acid (PFPeA)	NA	**0.000145 J**	0.000397 U	0.000363 U	0.000382 U	**0.000143 J**	0.000388 U	**0.000138 J**
Perfluorotetradecanoic acid (PFTeDA)	NA	0.000199 U	0.000198 U	0.000182 UJ	0.000191 UJ	0.000198 U	0.000194 UJ	0.000197 UJ
Perfluorotridecanoic acid (PFTrDA)	NA	0.000199 U	0.000198 U	0.000182 UJ	0.000191 UJ	0.000198 U	0.000194 UJ	0.000197 U
Perfluoroundecanoic acid (PFUnDA)	NA	0.000199 U	**0.000095 J**	0.000182 U	0.000191 U	0.000198 U	0.000194 U	**0.000051 J**

Notes and Abbreviations:

1. Results in ***bold*** *are detected.*

2. Results qualifiers defined as follows:

U: Not detected above the indicated reporting limit.

J: Estimated result.

J-: Estimated result, low bias.

3. mg/kg = milligrams per kilogram

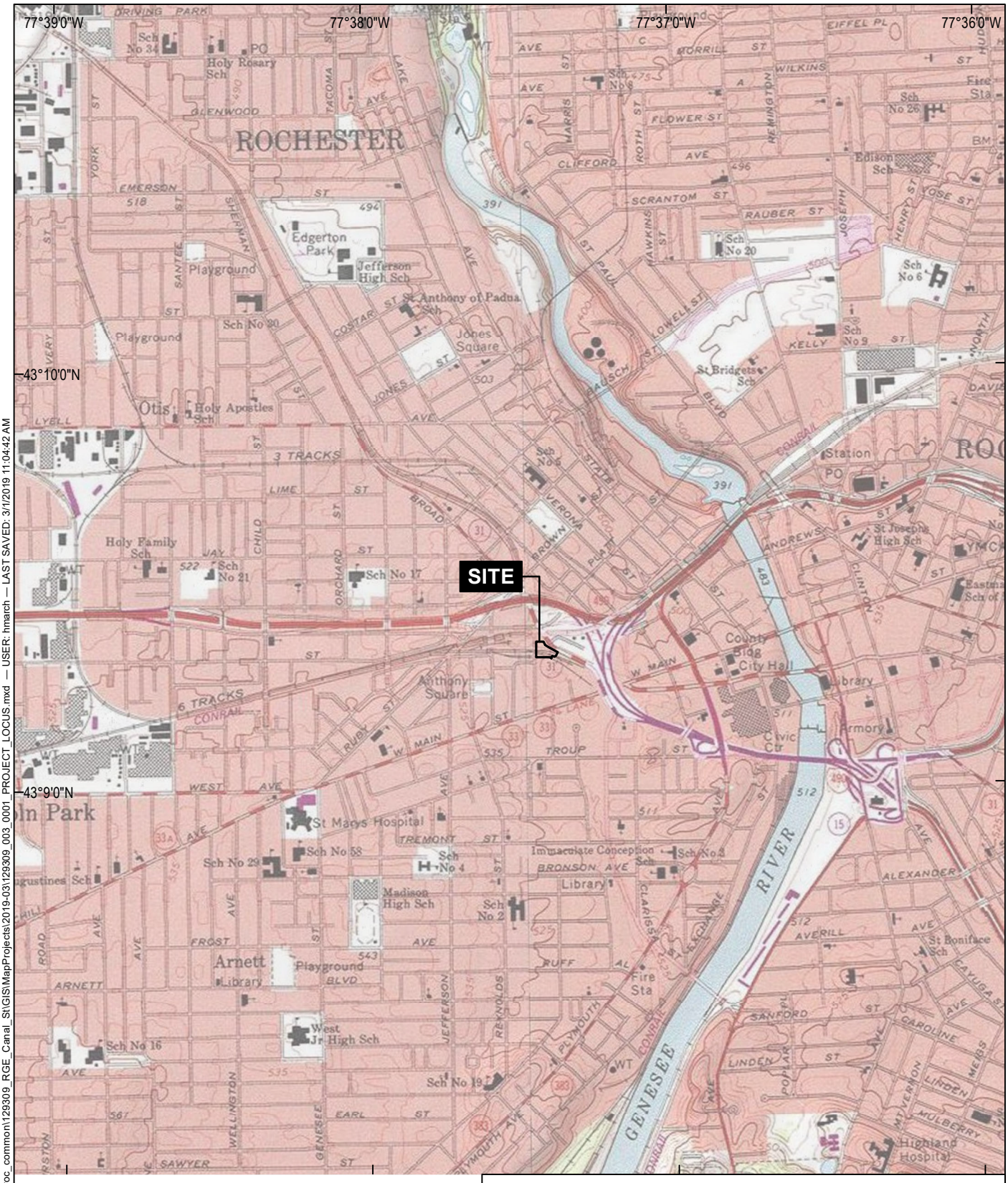
- There were no exceedances of 6 NYCRR Part 375 Commercial Soil Cleanup Objectives or PFAS Commercial Guidance Values from Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs dated April 2023.

- Gray shading indicates interim documentation soil sample. Soils were excavated and removed.

TABLE V
FATE AND TRANSPORT AND POTENTIAL EXPOSURE PATHWAYS FOR SITE CONSTITUENTS OF CONCERN (COCs)
65 TROWBRIDGE STREET FORMER MGP SITE
BCP SITE NO. 828217
ROCHESTER, NEW YORK

Media	Constituents of Concern (COCs)	Fate and Transport	Potentially Affected Populations	Exposure Pathways			Potential Exposure Setting & Mechanism
				Ingestion	*Absorption*	*Inhalation*	
Historical fill materials below installed demarcation layer and 1 foot of clean cover	Polycyclic aromatic hydrocarbons (PAHs), trichloroethene (TCE), and Arsenic (As)	PAHs, TCE, and As detected in historic fill materials located above the static groundwater table. Note: Clean soil cover and demarcation layer eliminate the potential for direct exposure to historic fill materials.	Current and future Site workers/visitors	Incomplete	Incomplete	Incomplete	**Ingestion/Absorption/Incidental Inhalation:** No current exposure pathway exists due to the presence of 1 foot of clean cover over the Site. If the historic fill materials are disturbed below the clean cover and demarcation layer during future on-Site excavation activities, the COCs could be transported via generated dust and/or vapors. Potential future exposure to the COCs will be restricted by the administrative and engineering controls implemented under the NYSDEC-approved Site Management Plan (SMP).
			Future on-Site construction workers	Potentially complete	Potentially complete	Potentially complete	
Groundwater	Benzene, toluene, ethylbenzene, and xylenes (BTEX); Polycyclic aromatic hydrocarbons (PAHs); TCE and daughter products cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride (VC)	Groundwater use for any purpose will be restricted by the NYSDEC-approved Environmental Easement.	Current Site workers/ visitors	Incomplete	Incomplete	Incomplete	**Ingestion:** Not a complete exposure pathway. Groundwater is not used at the Site for any purpose. Site groundwater use will be restricted by the NYSDEC-approved Environmental Easement and City of Rochester ordinance. **Inhalation/Absorption:** Current exposure pathway is considered incomplete because groundwater is not used at the Site for any purpose. Future exposure pathway could be potentially complete if groundwater is extracted to support future excavation activities within the impacted area below the demarcation layer. Potential future exposure to the COCs will be restricted by the administrative and engineering controls prescribed by the NYSDEC-approved SMP.
			Future on-Site construction workers Future on-Site visitors (during construction)	Potentially complete	Potentially complete	Potentially complete	
Air	Volatile organic Compounds (VOCs); BTEX, TCE and daughter products cis-1,2-DCE and VC.	VOC vapors present in historic fill materials below the demarcation layer may be released during excavation activities in impacted areas of the Site.	Current Site workers/visitors	Incomplete	Incomplete	Incomplete	**Ingestion:** Not an applicable pathway. **Absorption:** Not an applicable pathway. **Inhalation:** No potential current exposure pathway exists because the Site is covered with 1 foot of clean cover. Future exposure pathway could become potentially complete if VOC vapors are encountered during excavation of impacted historic fill materials located below the clean cover and demarcation layer. Potential future exposure to the COCs will be restricted by the administrative and engineering controls implemented under the NYSDEC-approved SMP.
			Future construction workers Future Site visitors	Incomplete	Incomplete	Potentially complete	

FIGURES



NY

MAP SOURCE: USGS
SITE COORDINATES: 43°09'19"N, 77°37'25"W

HALEY ALDRICH

PORTION OF 65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
JANUARY 2020

FIGURE 1

GIS FILE PATH: \\haleyaldrich.com\share\roc_common\129309_RGE_Canal_St\GIS\MapProjects\2019-03\129309_003_0001_PROJECT_LOCUS.mxd — USER: hmarch — LAST SAVED: 3/1/2019 11:04:42 AM



LEGEND

- RAILROAD
- BCP BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 26 APRIL 2024

N

0 30 60

SCALE IN FEET

HALEY ALDRICH

WMB MORSE LUMBER
65 TRWOBRIDGE STREET
ROCHESTER, NEW YORK

PRE-EXISTING CONDITIONS SITE PLAN

JANUARY 2025

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: slamothe - LAST SAVED: 1/15/2025 4:34 PM



LEGEND

- RAILROAD
- SOIL/GRAVEL COVER
- GRAVEL COVER
- GRAVEL/GEOPAVE COVER
- BCP BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. DETAILS ON THE SITE COVER SYSTEM ARE PROVIDED IN THE CONSTRUCTION CLOSURE REPORT DATED JANUARY 2025 AND SUBMITTED TO THE NYSDEC
3. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2024

N

0 30 60
SCALE IN FEET

HALEY ALDRICH

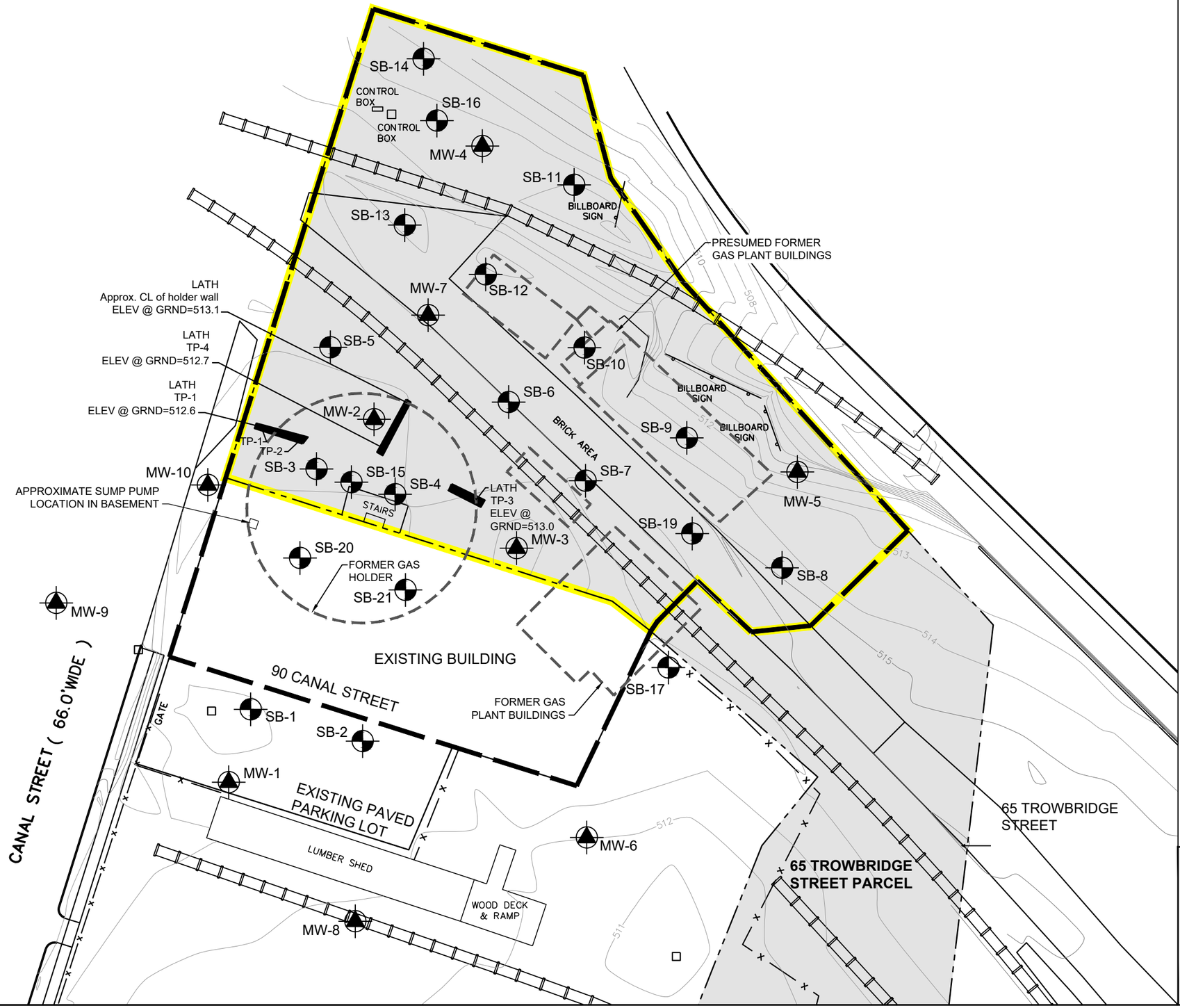
WMB MORSE LUMBER
65 TRWOBRIDGE STREET
ROCHESTER, NEW YORK

SITE WIDE EXISTING COVER SYSTEM

MARCH 2025

FIGURE 3

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dverrier - LAST SAVED: 2/26/2025 5:32 PM



LEGEND

- SOIL BORING LOCATION
- MONITORING WELL LOCATION
- 65 TROWBRIDGE STREET PARCEL
- APPROXIMATE LIMITS OF FORMER MUNICIPAL GAS LIGHT COMPANY MANUFACTURED GAS PLANT
- RAILROAD
- PARCEL BOUNDARY LINE
- HISTORIC SITE FEATURES
- BROWNFIELD CLEANUP PROGRAM SITE

NOTES:

1. LOCATIONS OF SOIL BORINGS AND MONITORING WELLS WERE SURVEYED BY PARRONE ENGINEERING.
2. BASE PLAN ILLUSTRATING EXISTING SITE STRUCTURES AND FEATURES DERIVED FROM PARRONE ENGINEERING DRAWING 6192.DWG.

HALEY ALDRICH

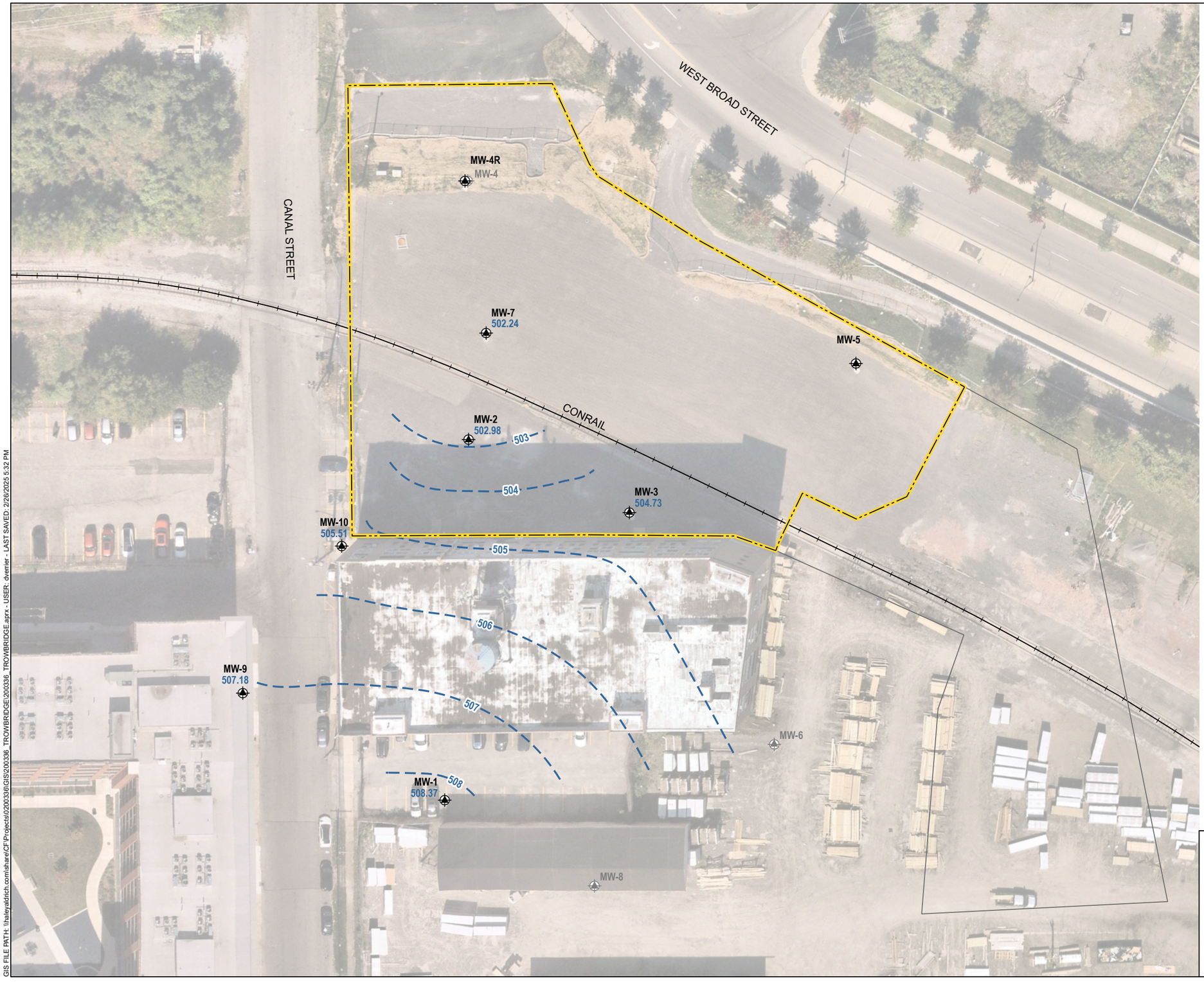
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

SITE INVESTIGATION PLAN 2006 TO 2009

SCALE: AS SHOWN
FEBRUARY 2025

FIGURE 4

Saved by: HMARCH Printed: 2/13/2025 9:26 AM Sheet: HA-FIG-B-L-V
\\HALEYALDRICH.COM\SHARE\CF\PROJECTS\0200336\CAD\03-WORKING\0200336-000-0001-INVESTIGATION-2006-2009.DWG



LEGEND

- MONITORING WELL
- MONITORING WELL DECOMMISSIONED, NOT LOCATED, OR FOUND COMPROMISED AND REMOVED FROM SAMPLING PROGRAM
- GROUNDWATER ELEVATION CONTOUR, 1-FT INTERVAL
- RAILROAD
- BCP BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. FT = FEET
3. MW-4 MW-5 COULD NOT BE LOCATED. MW-8 REMOVED FROM MONITORING PROGRAM DUE TO COMPROMISED INTEGRITY.
4. GROUNDWATER CONTOURS INFERRED BASED ON AVAILABLE DATA.
5. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2024

N

0 50 100
SCALE IN FEET

HALEY ALDRICH

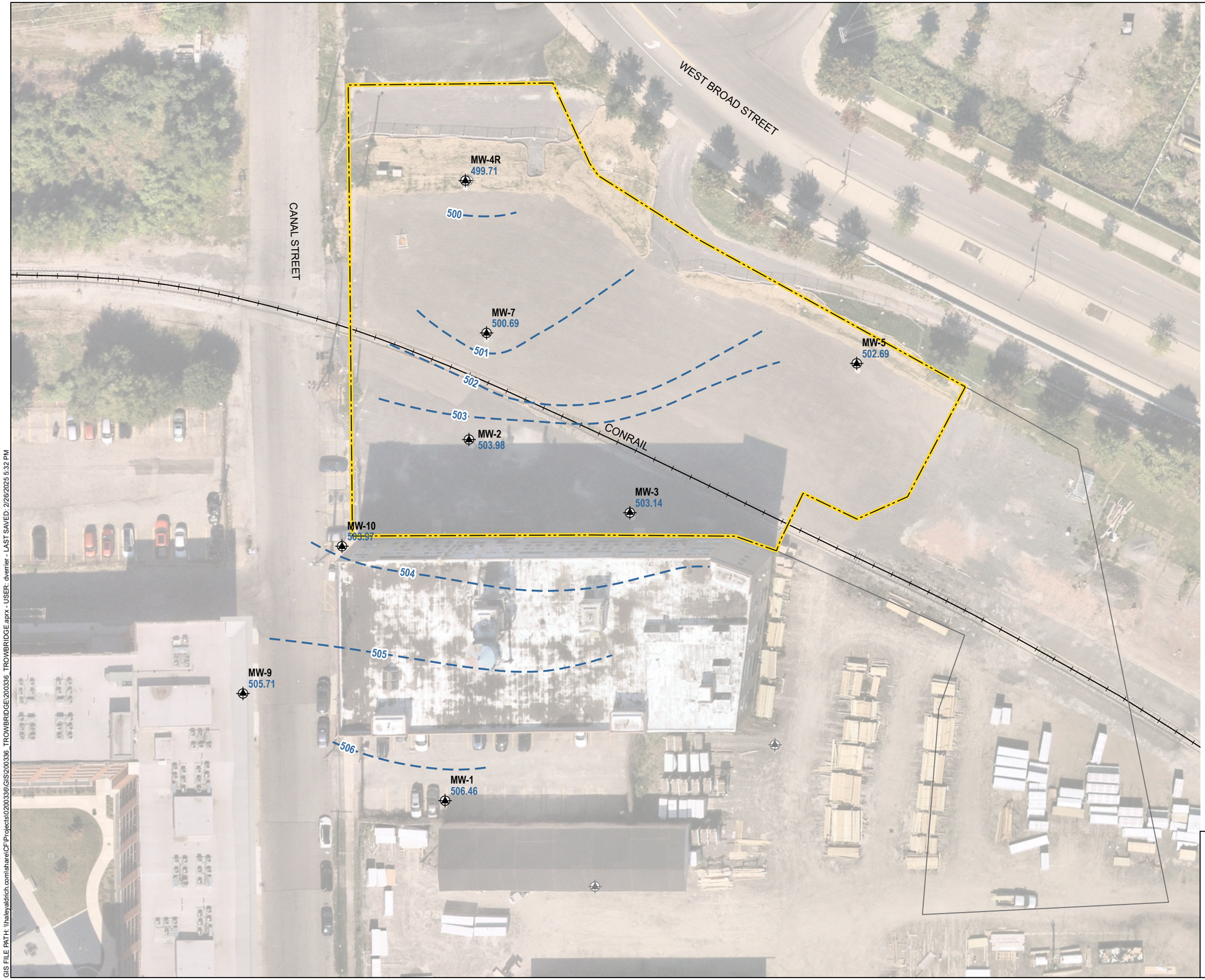
WM. B. MORSE LUMBER
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

GROUNDWATER ELEVATION CONTOURS, JULY 2021

MARCH 2025

FIGURE 5A

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dverrier - LAST SAVED: 2/26/2025 5:32 PM



GIS FILE PATH: \\haleyaldrich.com\share\CF Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dverrier - LAST SAVED: 2/26/2025 5:32 PM

LEGEND

- MONITORING WELL
- MONITORING WELL DECOMMISSIONED, NOT LOCATED, OR FOUND COMPROMISED AND REMOVED FROM SAMPLING PROGRAM
- GROUNDWATER ELEVATION CONTOUR, 1-FT INTERVAL
- RAILROAD
- BCP BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. MW-6 COULD NOT BE LOCATED AND WAS REMOVED FROM MONITORING PROGRAM.
3. MW-8 REMOVED FROM MONITORING PROGRAM.
4. MW-4 DECOMMISSONED AND REPLACED WITH MW-4R.
5. GROUNDWATER CONTOURS INFERRED BASED ON AVAILABLE DATA.
6. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2024

N

0 50 100
SCALE IN FEET

HALEY ALDRICH

WM. B. MORSE LUMBER
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

GROUNDWATER ELEVATION CONTOURS, SEPTEMBER 2024

MARCH 2025

FIGURE 5B

MW-4, MW-4R *(SEE NOTES)*	12/27/2006	12/28/2006	10/12/2007	09/24/2008	07/26/2021	09/30/2024
INORGANIC COMPOUNDS						
IRON, DISSOLVED	-	-	-	100 U	-	2820
IRON, TOTAL	-	1960	45100	1130	-	7900
LEAD, TOTAL	-	6.6	89.8	3 U	-	4.85
MAGNESIUM, DISSOLVED	-	-	-	50900	-	44500
MAGNESIUM, TOTAL	-	184000	82800	54300	-	46300
MANGANESE, DISSOLVED	-	-	-	15 U	-	780.3
MANGANESE, TOTAL	-	490	2590	113	-	868.3
VOLATILE ORGANIC COMPOUNDS						
BENZENE	5 U	-	5 UJ	0.67 J	24	0.5 U
ETHYLBENZENE	5 U	-	5 UJ	5 U	64	2.5 U
ISOPROPYLBENZENE (CUMENE)	5 U	-	5 UJ	5 U	38	2.5 U
M,P-XYLENES	-	-	-	-	400	2.5 U
O-XYLENE	-	-	-	-	8.7	2.5 U
TOLUENE	5 U	-	0.56 J	5 U	28	2.5 U

MW-7	12/28/2006	07/01/2015	07/13/2021	09/30/2024
INORGANIC COMPOUNDS				
IRON, TOTAL	559	140 J	23	877
MANGANESE, TOTAL	854	730 J	140	3347
SEMI-VOLATILE ORGANIC COMPOUNDS				
PHENOL	13 U	4.7 U	5 U	3.1 J

MW-5	12/27/2006	10/12/2007	09/23/2008	06/30/2015	10/02/2024
INORGANIC COMPOUNDS					
ARSENIC, TOTAL	23.3	44.5	21.4	9.5 J	2.16 J/5.7 J
IRON, DISSOLVED	-	-	100 U	-	466 J/668 J
IRON, TOTAL	39500	47700	25200	13700 J	1690 J/4030 J
LEAD, TOTAL	44.8	112	3 U	10 U	10.44 J/35.88 J
MAGNESIUM, DISSOLVED	-	-	63900	-	33900/35600
MAGNESIUM, TOTAL	103000	124000	67400	51900	35600/42400
MANGANESE, DISSOLVED	-	-	1000	-	526 J/648.5
MANGANESE, TOTAL	1400	1540	1090	1100 J	536 J/816.4 J
SODIUM, DISSOLVED	-	-	21200	-	32400/28200
SODIUM, TOTAL	17500	22100	22600	11300 J+	35900 J/24900 J
SEMI-VOLATILE ORGANIC COMPOUNDS					
BENZO(A)ANTHRACENE	9 U	10 U	12 U	4.7 U	0.24 J/0.05 J
BENZO(B)FLUORANTHENE	9 U	10 U	12 U	4.7 U	0.35 J/0.08 J
BENZO(K)FLUORANTHENE	9 U	10 U	12 U	4.7 U	0.12/0.1 U
CHRYSENE	9 U	10 U	12 U	4.7 U	0.22 J/0.05 J
INDENO(1,2,3-CD)PYRENE	9 U	10 U	12 U	4.7 U	0.21 J/0.08 J
PENTACHLOROPHENOL	7 J	48 U	62 U	9.4 U	0.8 U/0.8 U

MW-2	12/26/2006	10/12/2007	09/22/2008	10/08/2009	06/30/2015	07/13/2021	09/30/2024
INORGANIC COMPOUNDS							
IRON, DISSOLVED		-	100 U	-		5320	4630
IRON, TOTAL	8850	78307770	6520	-	16100 J/10800 J	5520	5470
MAGNESIUM, DISSOLVED		-	36600	-	-	41100	44400
MAGNESIUM, TOTAL	38200	35800/37500	37300	-	51000/45500	38300	51000
MANGANESE, DISSOLVED	-	-	388	-	-	647	773.4
MANGANESE, TOTAL	740	604/604	436	-	630 J/490 J	197	848.1
SODIUM, DISSOLVED	-	-	55100	-	-	32900	35600
SODIUM, TOTAL	49700	65600/70100	53800	-	45400/44900	33900	38600
SEMI-VOLATILE ORGANIC COMPOUNDS							
BENZO(A)ANTHRACENE	9 U	0.2 J/0.2 J	10 U	-	4.6 UJ/4.6 U	0.03 J	0.03 J
CHRYSENE	9 U	10 U/9 U	10 U	-	4.6 UJ/4.6 U	0.02 J	0.1 U
NAPHTHALENE	68	4 J/2 J	7 J	-	6.6 J/29 J	2.4	16
VOLATILE ORGANIC COMPOUNDS							
BENZENE	53	24/23	29	29	16/20	20	21
ETHYLBENZENE	6.6	1.8 J/1.6 J	0.61 J	1	1.3/1.9	2.5 U	2.5 U
TOLUENE	18	5 UJ/5 U	5 U	0.51 U	0.6 J/0.81 J	2.5 U	2.5 U
XYLENE (TOTAL)	13 J	2.4 J/1.3 J	1.1 J	1.7 J	1.1 J/2.2	-	-

MW-10	10/08/2009	07/13/2021	10/01/2024
INORGANIC COMPOUNDS			
IRON, DISSOLVED	-	524	952
IRON, TOTAL	-	1040	9080
MAGNESIUM, TOTAL	-	6620	36500
MANGANESE, DISSOLVED	-	193	429.9
MANGANESE, TOTAL	-	127	722.2
SODIUM, DISSOLVED	-	107000	239000
SODIUM, TOTAL	-	109000	244000
SEMI-VOLATILE ORGANIC COMPOUNDS			
BENZO(A)ANTHRACENE	0.085 U	0.05 J	0.1 U
BENZO(B)FLUORANTHENE	0.14 U	0.02 J	0.12
CHRYSENE	0.08 U	0.05 J	0.1 U
PENTACHLOROPHENOL	-	8	10
VOLATILE ORGANIC COMPOUNDS			
BENZENE	1.2	0.5 U	0.82

MW-3	12/27/2006	10/11/2007	09/24/2008	10/08/2009	06/30/2015	07/14/2021	09/30/2024
INORGANIC COMPOUNDS							
IRON, DISSOLVED	-	-	100 U	-	-	6130	2530
IRON, TOTAL	547	433	14800	-	4100 J	5590/6100	10200
MAGNESIUM, DISSOLVED	-	-	45800	-	-	37500	34800
MAGNESIUM, TOTAL	33300	24400	44900	-	22800	26800/26300	33600
MANGANESE, DISSOLVED	-	-	293	-	-	354	174.8
MANGANESE, TOTAL	667	15 U	321	-	88 J	242/250	211.4
SODIUM, DISSOLVED	-	-	14900	-	-	50900	40000
SODIUM, TOTAL	11700	9840	14300	-	23000	52000/53000	43100
PFAS							
PERFLUOROOCTANESULFONIC ACID (PFOS)	-	-	-	-	-	0.0059/0.00641	-
PERFLUOROOCTANOIC ACID (PFOA)	-	-	-	-	-	0.0078J/0.00833	-
SEMI-VOLATILE ORGANIC COMPOUNDS							
BENZO(A)ANTHRACENE	10 U	10 UJ	10 U	-	4.7 U	0.1 U/0.1 U	0.05 J
BENZO(B)FLUORANTHENE	10 U	10 UJ	10 U	-	4.7 U	0.1 U/0.1 U	0.05 J
BIPHENYL	3 J	10 UJ	15	-	2.5 J	5.7/3.9	2.4
CHRYSENE	10 U	10 UJ	10 U	-	4.7 U	0.1 U/0.1 U	0.04 J
INDENO(1,2,3-CD)PYRENE	10 U	10 UJ	10 U	-	4.7 U	0.1 U/0.1 U	0.04 J
NAPHTHALENE	33	10 UJ	100	-	6.2 J	27/18	19
VOLATILE ORGANIC COMPOUNDS							
BENZENE	1.6 J	5 U	6.1	24 J	4.2	1/1	3
CIS-1,2-DICHLOROETHENE	96	22	170	-	91	55/56	67
ETHYLBENZENE	38	5 U	190	140	46	22/20	22
ISOPROPYLBENZENE (CUMENE)	12	5 U	58	-	13	9.6/8.8	13
M,P-XYLENES	-	-	-	-	-	4.4/4	7
O-XYLENE	-	-	-	-	-	12/11	16
TRANS-1,2-DICHLOROETHENE	5.1	0.82 J	6.4	-	3.9	3.1/3.1	3
TRICHLOROETHENE	57	38	6.2 J	-	70	75/77	25
VINYL CHLORIDE	5.9	5 U	24	-	16	5.8/5.8	17
XYLENE (TOTAL)	25	15 U	100	100 J	48	-	-

MW-9	09/24/2008	10/08/2009	10/14/2009	10/02/2018	07/15/2021	10/02/2024
INORGANIC COMPOUNDS						
ARSENIC, TOTAL	45.8	-	-	-	7.1	16.72
CHROMIUM, TOTAL	121	-	-	-	4	1.52 J+
IRON, DISSOLVED	100 U	-	-	-	1520	458
IRON, TOTAL	128000	-	-	-	1560	1270
LEAD, TOTAL	830	-	-	-	8.9	23.14
MAGNESIUM, DISSOLVED	19200	-	-	-	17800	40200
MAGNESIUM, TOTAL	344000	-	-	-	20800	40800
MANGANESE, TOTAL	4450	-	-	-	65.7	39.78
NICKEL, TOTAL	112	-	-	-	3 *	3.96
SODIUM, DISSOLVED	300000	-	-	-	174000	201000
SODIUM, TOTAL	265000	-	-	-	185000	204000
SEMI-VOLATILE ORGANIC COMPOUNDS						
BENZO(A)ANTHRACENE	11 U	-	0.06 U	-	0.5 U	0.26
BENZO(B)FLUORANTHENE	11 U	-	0.059 U	-	0.5 U	0.42
BENZO(K)FLUORANTHENE	11 U	-	0.062 U	-	0.5 U	0.18
CHRYSENE	11 U	-	0.26 U	-	0.5 U	0.25
INDENO(1,2,3-CD)PYRENE	11 U	-	0.14 U	-	0.5 U	0.26
NAPHTHALENE	3 J	-	150	-	190	90
PHENOL	60	-	32	-	2.8 J	13
VOLATILE ORGANIC COMPOUNDS						
1,2,4-TRIMETHYLBENZENE	-	1500	-	1500 B	-	-
1,2-DICHLOROETHANE	2.9 J	-	-	20 U	2.5 U	2 U
1,3,5-TRIMETHYLBENZENE	-	420	-	390 B	-	-
2-PHENYLBUTANE (SEC-BUTYLBENZENE)	-	9.2	-	20 U	-	-
BENZENE	1400	1400	-	880 B	380	250
CYMENE (P-ISOPROPYLTOLUENE)	-	6.9	-	20 U	-	-
ETHYLBENZENE	260	840	-	900 B	490	400
ISOPROPYLBENZENE (CUMENE)	23	62	-	72 B	34	38
M,P-XYLENES	-	-	-	-	850	410
METHYL TERT BUTYL ETHER (MTBE)	130 J	140	-	62	28	11
NAPHTHALENE	-	620	-	310 B	-	-
N-BUTYLBENZENE	-	0.28 U	-	55 B	-	-
N-PROPYLBENZENE	-	160	-	180 B	-	-
O-XYLENE	-	-	-	-	180	72
TOLUENE	180	290	-	230 B	94	24
XYLENE (TOTAL)	1500	2800	-	1800 B	-	-

MW-1	12/26/2006	10/12/2007	09/22/2008	07/14/2021	10/02/2024
INORGANIC COMPOUNDS					
ARSENIC, TOTAL	10 U	120	10 U	1.6 U	0.5 U
BARIUM, TOTAL	104	1630	223	182	191.4
CADMIUM, TOTAL	1 U	6.1	1 U	0.4 U	0.2 U
CHROMIUM, TOTAL	10 U	180	10 U	4 U	1 U
COPPER, TOTAL	20 U	1970	20 U	1.5	9.65 J+
IRON, DISSOLVED	-	-	728	35	131
IRON, TOTAL	11800	246000	18100	176	650
LEAD, TOTAL	12.2	3940	4.3	0.2 U	6.69
MAGNESIUM, TOTAL	24100	165000	24800	21500	25400
MANGANESE, DISSOLVED	-	-	494	241	248
MANGANESE, TOTAL	382	4080	469	311	214.5
MERCURY, TOTAL	0.3 U	20.8	0.3 U	0.2 U	0.2 U
NICKEL, TOTAL	40 U	154	40 U	6.1	1.51 J
SODIUM, DISSOLVED	-	-	47900	96400	48500
SODIUM, TOTAL	58900	44700	46600	86100	46300
ZINC, TOTAL	30.8	3990	123	2 U	72.84
SEMI-VOLATILE ORGANIC COMPOUNDS					
BENZO(A)ANTHRACENE	9 U	10 J	50 U	0.1 U	0.1 U
BENZO(B)FLUORANTHENE	9 U	17 J	50 U	0.1 U	0.1 U
CHRYSENE	9 U	8 J	50 U	0.1 U	0.1 U
INDENO(1,2,3-CD)PYRENE	9 U	7 J	50 U	0.1 U	0.1 U

MW-8	09/24/2008
INORGANIC COMPOUNDS	
IRON, TOTAL	21100
MAGNESIUM, DISSOLVED	50500
MAGNESIUM, TOTAL	51500
MANGANESE, DISSOLVED	1420
MANGANESE, TOTAL	1490
SODIUM, DISSOLVED	96700
SODIUM, TOTAL	100000
VOLATILE ORGANIC COMPOUNDS	
CIS-1,2-DICHLOROETHENE	13
VINYL CHLORIDE	3.2 J

MW-6	12/28/2006	10/12/2007	09/24/2008	07/01/2015	07/15/2021
INORGANIC COMPOUNDS					
IRON, DISSOLVED	-	-	100 U/100 U	-	7250
IRON, TOTAL	100 U/100 U	9920	2740/2640	1300 J	7580
MAGNESIUM, DISSOLVED	-	-	197000/190000	-	110000
MAGNESIUM, TOTAL	221000/219000	218000	194000/191000	170000	112000
MANGANESE, DISSOLVED	-	-	40.9/40.6	-	430
MANGANESE, TOTAL	22.1/22.5	172	42.3/41.7	34 J	358
SODIUM, DISSOLVED	-	-	76900/75600	-	81800
SODIUM, TOTAL	61800/61800	75500	78600/75400	36400	78800
SEMI-VOLATILE ORGANIC COMPOUNDS					
BENZO(A)ANTHRACENE	10 U/10 U	0.3 J	11 U/10 U	4.7 U	0.05 J
BENZO(B)FLUORANTHENE	10 U/10 U	0.2 J	11 U/10 U	4.7 U	0.11
BENZO(K)FLUORANTHENE	10 U/10 U	10 U	11 U/10 U	4.7 U	0.03 J
CHRYSENE	10 U/10 U	10 U	11 U/10 U	4.7 U	0.06 J
INDENO(1,2,3-CD)PYRENE	10 U/10 U	0.2 J	11 U/10 U	4.7 U	0.09 J

LEGEND

- MONITORING WELL
- MONITORING WELL DECOMMISSIONED, NOT LOCATED, OR FOUND COMPROMISED AND REMOVED FROM SAMPLING PROGRAM
- RAILROAD
- BCP BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

2. MW-4 COULD NOT BE LOCATED IN 2021. 2021 SAMPLE ASSOCIATED WITH MW-4 WAS COLLECTED VIA GEOPROBE GRAB SAMPLE WITHIN VICINITY OF MW-4. MW-4 WAS DECOMMISSIONED IN 2024 AND REPLACED WITH MW-4R.

3. DEFINITIONS:
U = DETECTED BELOW METHOD LIMIT
J = ESTIMATED RESULT
J+ = ESTIMATED RESULT, HIGH BIAS
- = NOT SAMPLED OR ANALYZED

4. RESULTS SHOWN ARE IN MICROGRAMS PER LITER (µg/L).

5. GRAY SHADING INDICATES AN EXCEEDANCE OF THE TOGS 1.1.1 CLASS GA AMBIENT WATER QUALITY STANDARD AND GUIDANCE VALUES.

6. PARAMETERS SHOWN ARE THOSE EXCEEDING APPLICABLE CRITERIA AT EACH SAMPLE LOCATION.

7. DETECTED RESULTS WERE SCREENED AGAINST NEW YORK TOGS 1.1.1 CLASS GA AMBIENT WATER QUALITY STANDARD AND GUIDANCE VALUES.

8. 2024 SAMPLES COLLECTED AFTER IRM CONDUCTED DURING SEPTEMBER TO OCTOBER 2024.

9. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2024

NEW YORK TOGS 1.1.1 CLASS GA AMBIENT WATER QUALITY STANDARD AND GUIDANCE VALUES

INORGANICS	
ARSENIC	25
BARIUM	1,000
CADIUM	5
CHROMIUM	50
COPPER	200
IRON	300
LEAD	25
MAGNESIUM	35,000
MANGANESE	300
MERCURY	0.7
NICKEL	100
SODIUM	20,000
ZINC	2,000

PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)	
PERFLUOROOCTANESULFONIC ACID (PFOS)	0.0027
PERFLUOROOCTANOIC ACID (PFOA)	0.0067

SEMI-VOLATILE ORGANIC COMPOUNDS	
BENZO(A)ANTHRACENE	0.002
BENZO(B)FLUORANTHENE	0.002
BENZO(K)FLUORANTHENE	0.002
BIPHENYL	5
CHRYSENE	0.002
INDENO(1,2,3-CD)PYRENE	0.002
NAPHTHALENE	10
PENTACHLOROPHENOL	1
PHENOL	1

VOLATILE ORGANIC COMPOUNDS	
1,2,4-TRIMETHYLBENZENE	5
1,2-DICHLOROETHANE	0.6
1,3,5-TRIMETHYLBENZENE	5
2-PHENYLBUTANE (SEC-BUTYLBENZENE)	5
BENZENE	1
CIS-1,2-DICHLOROETHENE	5
CYMENE (P-ISOPROPYLTOLUENE)	5
ETHYLBENZENE	5
ISOPROPYLBENZENE (CUMENE)	5
M,P-XYLENES	5
METHYL TERT BUTYL ETHER (MTBE)	10
NAPHTHALENE	10
N-BUTYLBENZENE	5
N-PROPYLBENZENE	5
O-XYLENE	5
TOLUENE	5
TRANS-1,2-DICHLOROETHENE	5
TRICHLOROETHENE	5
VINYL CHLORIDE	2
XYLENE (TOTAL)	5

0 30 60 90 120
MAIN MAP SCALE IN FEET

HALEY ALDRICH

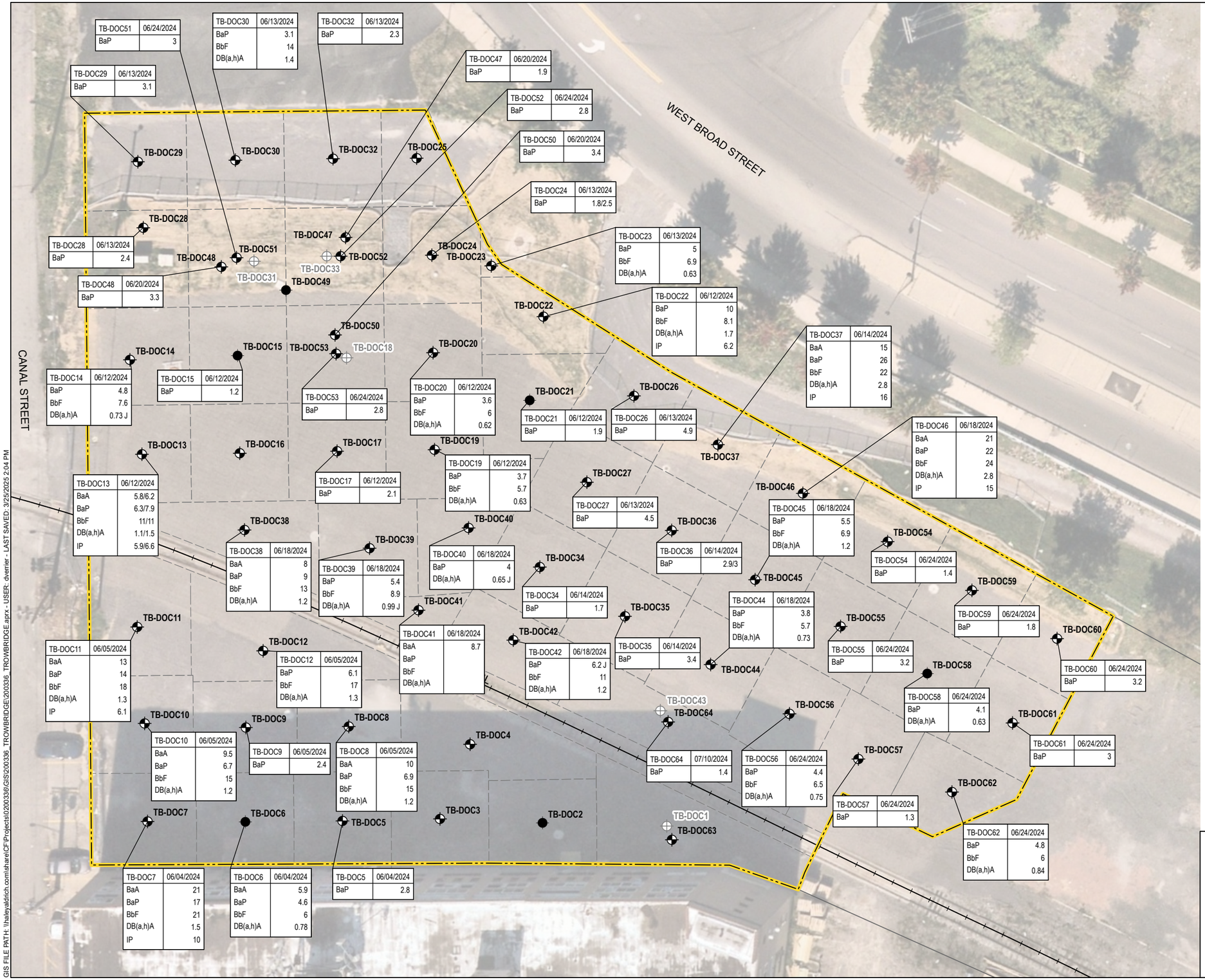
WM. B. MORSE LUMBER
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

GROUNDWATER EXCEEDANCES 2006 TO 2024

MARCH 2025

FIGURE 6

GIS FILE PATH: \\haleyaldrich.com\share\CP\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx — USER: dverrier — LAST SAVED: 2/26/2025 5:32 PM



GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dverrier - LAST SAVED: 3/25/2025 2:04 PM

LEGEND

- DOCUMENTATION SAMPLE - VOCs, SVOCs, METALS, AND CYANIDE
- DOCUMENTATION SAMPLE - PCBs, VOCs, SVOCs, METALS, HERBICIDES AND PESTICIDES, AND PFAS
- INTERIM DOCUMENTATION SAMPLE
- RAILROAD
- SAMPLING GRID
- BCP BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

2. DEFINITIONS:
BaA = BENZO(A)ANTHRACENE
BaP = BENZO(A)PYRENE
BbF = BENZO(B)FLUORANTHENE
DB(a,h)A = DIBENZ(A,H)ANTHRACENE
IP = INDENO(1,2,3-CD)PYRENE
SVOCs = SEMI-VOLATILE ORGANIC COMPOUNDS
J = ESTIMATED RESULT
J- = ESTIMATED RESULT, LOW BIAS
/ = PRIMARY/DUPLICATE RESULT

3. RESULTS SHOWN ARE IN MILLIGRAMS PER KILOGRAM (mg/kg).

4. PARAMETERS SHOWN ARE THOSE EXCEEDING APPLICABLE CRITERIA AT EACH SAMPLE LOCATION.

5. DETECTED RESULTS WERE SCREENED AGAINST 6 NYCRR PART 375 COMMERCIAL SOIL CLEANUP OBJECTIVES.

6. RESULTS ARE FROM POST-EXCAVATION DOCUMENTATION SAMPLING CONDUCTED AS PART OF THE NYSDEC-APPROVED IRM WORK PLAN DATED 21 MARCH 2021 (REFER TO CONSTRUCTION CLOSURE REPORT PREPARED BY H&A DATED JANUARY 2025).

7. SAMPLING GRIDS ARE APPROXIMATE AND REPRESENTATIVE OF 1 SAMPLE PER EVERY 900 SQUARE FEET.

8. SOILS AT INTERIM DOCUMENTATION SAMPLE LOCATION WERE EXCAVATED AND REMOVED.

9. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2024

CHEMICAL	SOIL CLEANUP OBJECTIVES
BaA	5.6 mg/kg
BaP	1 mg/kg
BbF	5.6 mg/kg
DB(a,h)A	0.56 mg/kg
IP	5.6 mg/kg

N

0 30 60
SCALE IN FEET

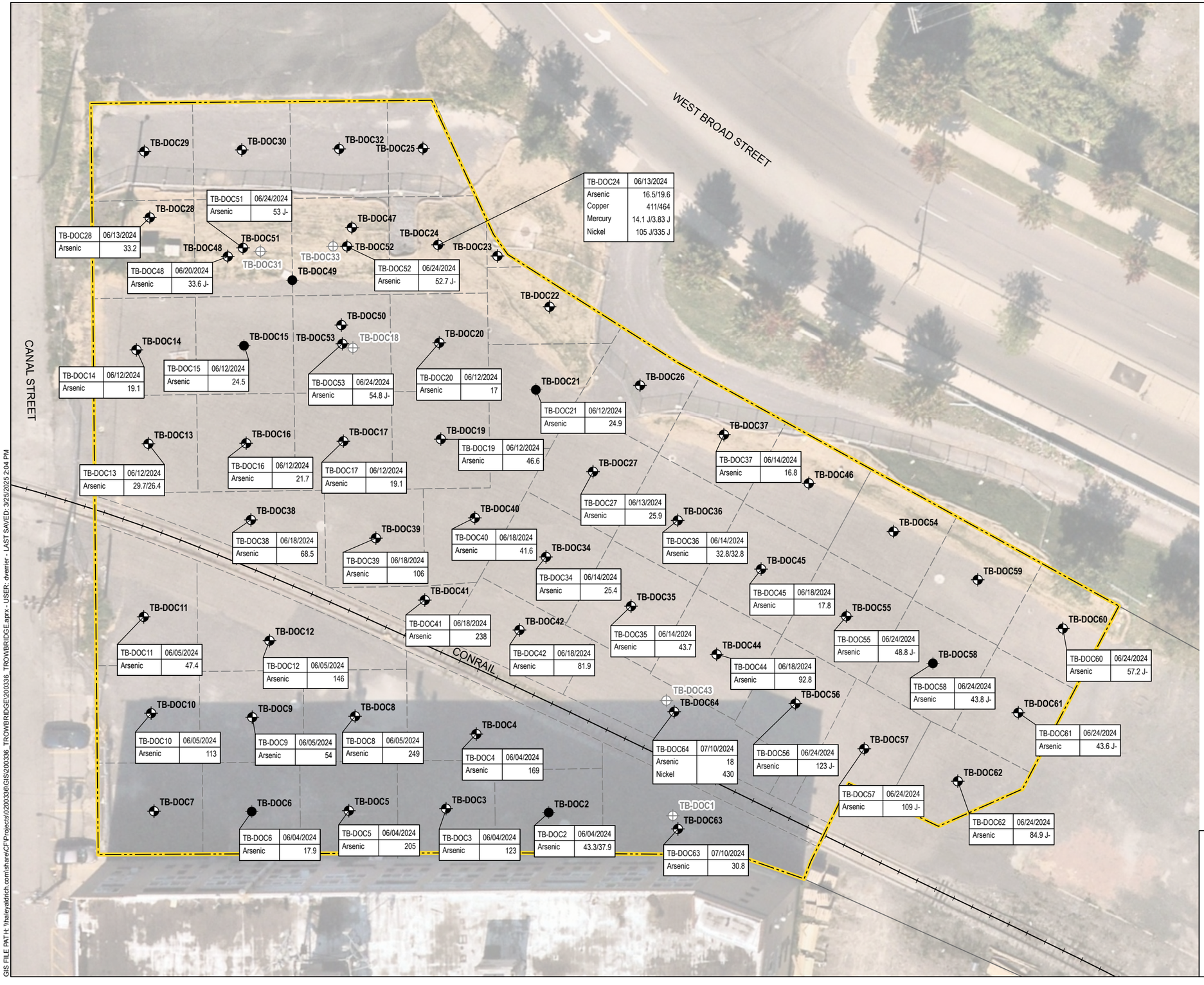
HALEY ALDRICH

WMB MORSE LUMBER
65 TRWOBRIDGE STREET
ROCHESTER, NEW YORK

SVOCs SOILS EXCEEDANCES 2024

MARCH 2025

FIGURE 7A



GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dverrier - LAST SAVED: 3/25/2025 2:04 PM

LEGEND

- DOCUMENTATION SAMPLE - VOCs, SVOCs, METALS, AND CYANIDE
- DOCUMENTATION SAMPLE - PCBs, VOCs, SVOCs, METALS, HERBICIDES AND PESTICIDES, AND PFAS
- INTERIM DOCUMENTATION SAMPLE
- RAILROAD
- SAMPLING GRID
- BCP BOUNDARY
- PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

2. DEFINITIONS:
J = ESTIMATED RESULT
J- = ESTIMATED RESULT, LOW BIAS
/ = PRIMARY/DUPLICATE RESULT

3. RESULTS SHOWN ARE IN MILLIGRAMS PER KILOGRAM (mg/kg).

4. PARAMETERS SHOWN ARE THOSE EXCEEDING APPLICABLE CRITERIA AT EACH SAMPLE LOCATION.

5. DETECTED RESULTS WERE SCREENED AGAINST 6 NYCRR PART 375 COMMERCIAL SOIL CLEANUP OBJECTIVES.

6. RESULTS ARE FROM POST-EXCAVATION DOCUMENTATION SAMPLING CONDUCTED AS PART OF THE NYSDEC-APPROVED IRM WORK PLAN DATED 21 MARCH 2021 (REFER TO CONSTRUCTION CLOSURE REPORT PREPARED BY H&A DATED JANUARY 2025).

7. SAMPLING GRIDS ARE APPROXIMATE AND REPRESENTATIVE OF 1 SAMPLE PER EVERY 900 SQUARE FEET.

8. SOILS AT INTERIM DOCUMENTATION SAMPLE LOCATION WERE EXCAVATED AND REMOVED.

9. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2024

CHEMICAL	SOIL CLEANUP OBJECTIVES
ARSENIC	16 mg/kg
COPPER	270 mg/kg
MERCURY	2.8 mg/kg
NICKEL	310 mg/kg

N

0 30 60
SCALE IN FEET

HALEY ALDRICH

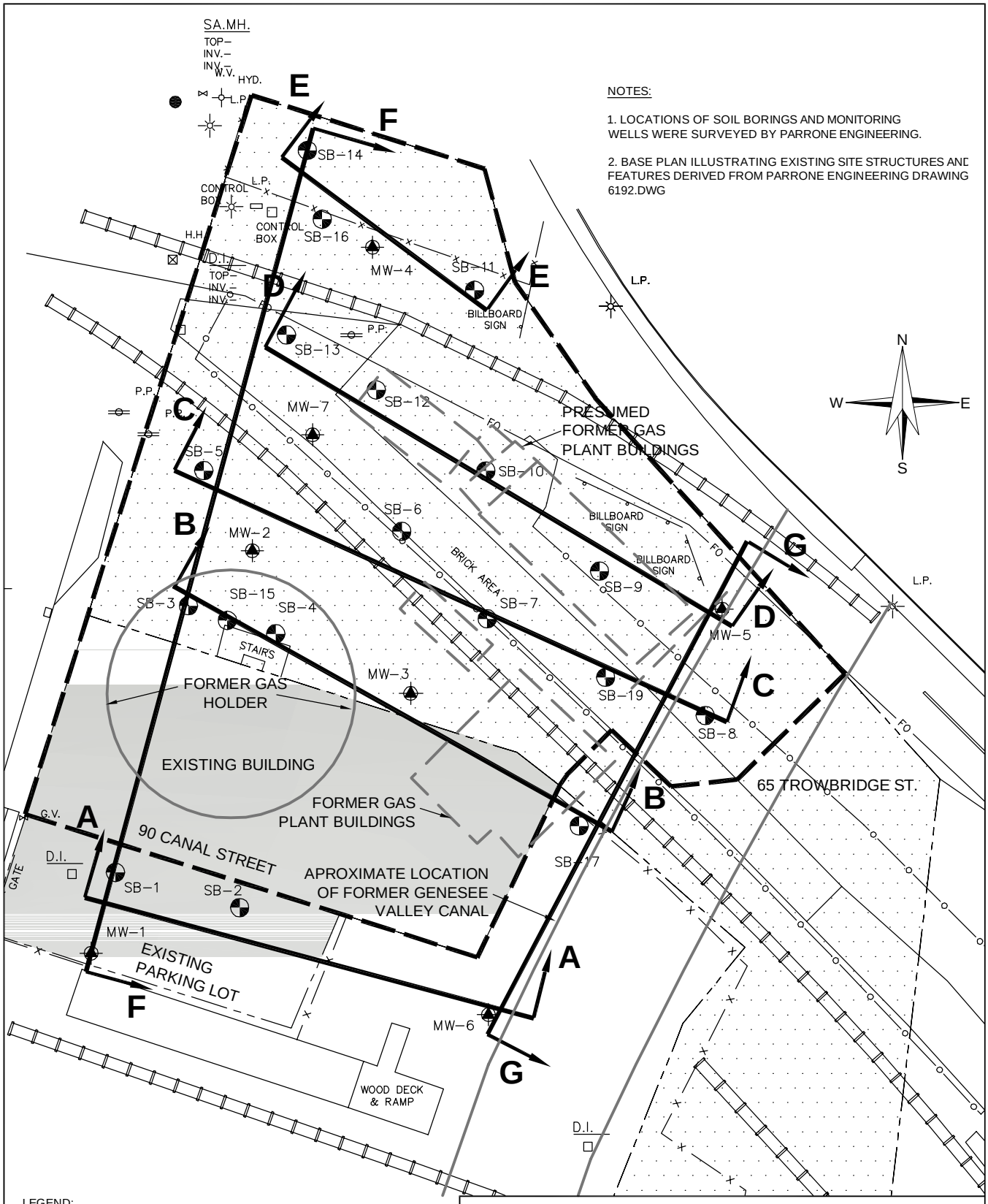
WMB MORSE LUMBER
65 TRWOBRIDGE STREET
ROCHESTER, NEW YORK

METALS SOILS EXCEEDANCES 2024

MARCH 2025

FIGURE 7B

APPENDIX A
Historical Documentation



HALEY & ALDRICH

ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

CROSS-SECTION PLAN

SCALE: AS SHOWN
JANUARY 2008

FIGURE 1

G:\PROJECTS\33879\003 REPORT W DUSR\JAN 2008 DRAFT\SECTION LINES.DWG

IDENTIFICATION AND DESCRIPTION OF SOIL MATERIALS

Soil description on logs of subsurface explorations are based on Standard Penetration Test results, visual–manual examination of exposed soil and soil samples, and the results of laboratory tests on selected samples. The criteria, descriptive terms and definitions are as follows:

DENSITY OR CONSISTENCY

Density of Cohesionless Soils	Penetration Resistance (Blows per ft.)	Consistency of Cohesive Soils	Penetration Resistance (Blows per ft.)
Very Loose	0–4	Very Soft	0–2
Loose	5–10	Soft	3–4
Medium	11–30	Medium	5–8
Dense	31–50	Stiff	9–15
Very Dense	over 50	Very Stiff	16–30
		Hard	over 30

PENETRATION RESISTANCE

Standard Penetration Test (ASTM D–1586) – Number of blows required to drive a standard 2 in. O.D. split spoon sampler 1 ft. with a 140 lb. weight falling freely through 30 in.

COLOR: Basic colors and combinations: black, brown, gray, yellow–brown, etc.

SUPPLEMENTAL SOIL TERMINOLOGY:

Lamina	– 0 to 1/16 in. thick (cohesive)
Parting	– 0 to 1/16 in. thick (granular)
Seam	– 1/16 to 1/2 in. thick
Layer	– 1/2 to 12 in. thick
Stratum	– > 12 in. thick
Pocket	– Small, erratic deposit less than 12 in. size
Lens	– Lenticular deposit larger than a pocket
Occasional	– One or less per 12 in. of thickness
Frequent	– More than one per 12 in. of thickness
Interbedded	– Alternating soil layers of differing composition
Varved	– Alternating thin seams of silt and clay
Mottled	– Variation of color

GEOLOGIC INTERPRETATION

Deposit type – GLACIAL TILL, ALLUVIUM, FILL.....

The natural soils are identified by criteria of Unified Soil Classification System (USCS), with appropriate group symbol in parenthesis for each soil description. Fill materials may not be classified by USCS criteria.

U.S. Standard Series Seive / Clear Square Sieve Openings

12"	3"	3/4"	4	10	40	200
Boulders	Cobbles	Gravel: Coarse / Fine		Sand: Coarse / Medium / Fine		Silts and Clays
305 mm	76 mm	19 mm	4.75 mm	2.00 mm	0.43 mm	0.074 mm

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			Group Symbol	Graphic Symbol	TYPICAL NAMES
Coarse grained soils: more than half is larger than number 200 sieve	Gravels – More than half of coarse fraction is larger than number 4 sieve	Gravels with little or no fines	GW		Well graded gravels, gravel–sand mixtures
			GP		Poorly graded gravels, gravel–sand mixtures
		Gravels with over 12% fines	GM		Silty gravels, poorly graded gravel–sand–silt mixtures
			GC		Clayey gravels, poorly graded gravel–sand–clay mixtures
	Sands – More than half of coarse fraction is smaller than number 4 sieve	Sands with little or no fines	SW		Well graded sands, gravelly sands
			SP		Poorly graded sands, gravelly sands
		Sands with over 12% fines	SM		Silty sands, poorly graded sand–silt mixtures
			SC		Clayey sands, poorly graded sand–clay mixtures
Fined–grained soils: more than half smaller than number 200 sieve	Silts and Clays – Liquid limit 50% or less		ML		Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
			CL		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
			OL		Organic clays and organic silty clays of low plasticity
	Silts and Clays – Liquid limit greater than 50%		MH		Inorganic silty, micaceous or diatomaceous fine sandy or silty soils, elastic silts
			CH		Inorganic clays of high plasticity, fat clays
			OH		Organic clays of medium to high plasticity, organic silts
Highly organic soils			PT		Peat and other highly organic soils

GENERAL NOTES

1. Logs of subsurface explorations depict soil and groundwater conditions only at the locations specified on the dates indicated. Subsurface conditions may vary at other locations and at other times.
2. Water levels noted on the logs were measured at the times and under the conditions indicated. During test borings, these water levels could have been affected by the introduction of water into the borehole, extraction of tools on other procedures and thus may not reflect actual groundwater level at the test boring location. Groundwater level fluctuations may also occur as a result of variations in precipitation, temperature, season, tides, adjacent construction activities and pumping of water supply wells and construction dewatering systems.

GENERAL LEGEND

- BEDROCK
- WEATHERED BEDROCK
- CONCRETE

HALEY & ALDRICH

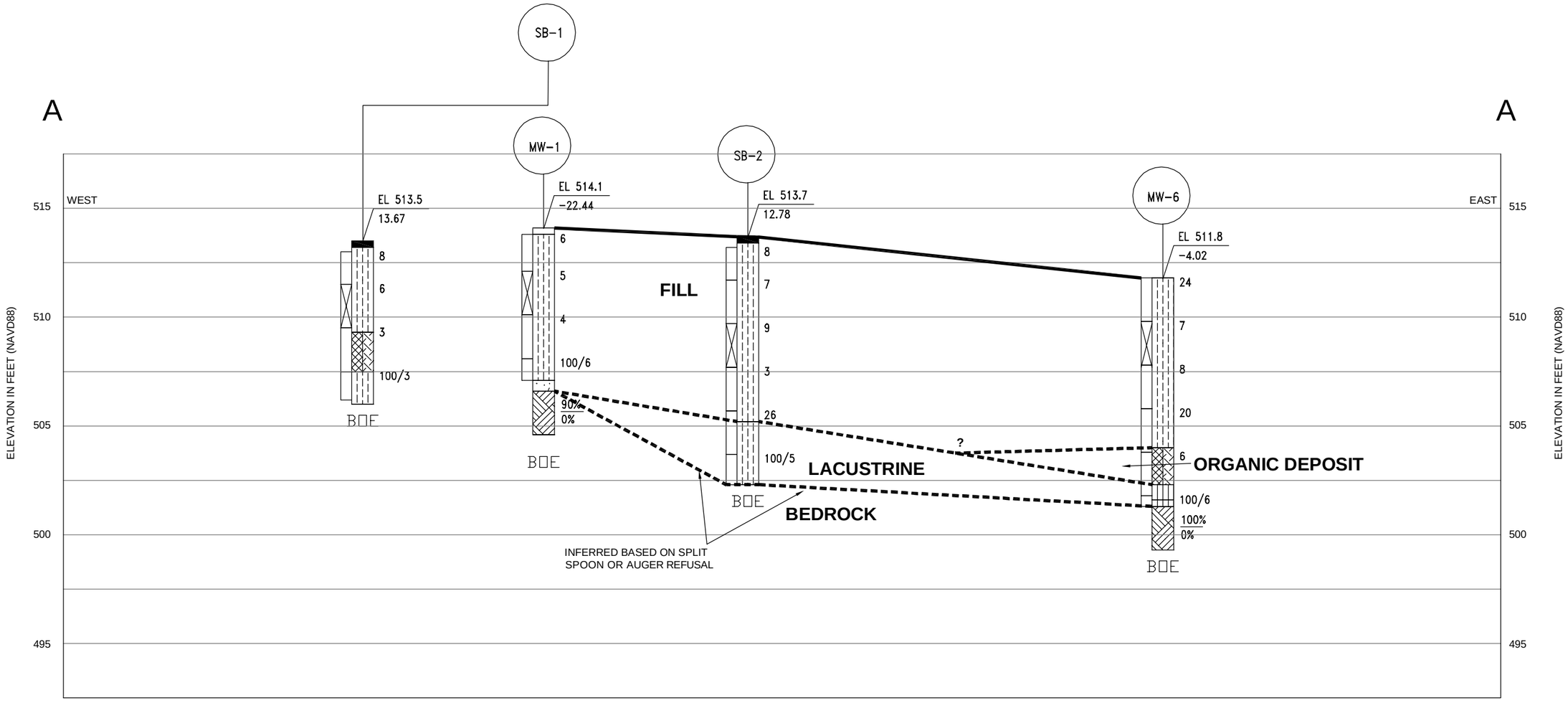
ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SUBSURFACE EXPLORATION
KEY FOR SOIL

SCALE: NONE
JANUARY 2008

FIGURE 2

G:\PROJECTS\338791\003 REPORT W DUSRUAN 2008 DRAFT\PROFILES 01-31-2007.DWG



HA-207 — BORING DESIGNATION

EL 12.0 / -15.0 — APPROXIMATE GROUND SURFACE ELEVATION; OFFSET BETWEEN BORING AND LINE OF SUBSURFACE PROFILE (NEGATIVE SIGN INDICATES THAT THE BORING IS OFFSET SOUTH OF THE WEST-EAST PROFILE LINE OR WEST OF THE NORTH-SOUTH PROFILE LINE)

4 — APPROXIMATE LOCATION OF SOIL SAMPLE AND STANDARD PENETRATION RESISTANCE, "N"

APPROXIMATE LOCATION ENVIRONMENTAL SAMPLES

INTERPRETED GEOLOGIC STRATUM INTERFACE

INFERRED GEOLOGIC STRATUM INTERFACE

89% / 39% — PERCENT RECOVERY / PERCENT RQD

BOE — BOTTOM OF EXPLORATION

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NAVD88.
2. OFFSET DISTANCES INDICATED ARE MEASURED FROM THE PLAN ELEVATION OF THE PROFILE LINE, PERPENDICLUAR TO THE LINE.
3. WATER LEVELS IN OPEN BOREHOLES WERE OBSERVED ON THE DATE INDICATED ON THE BORING LOG. INDICATED LEVELS MAY NOT REFLECT THE ACTUAL GROULDWATER. FLUCUATIONS IN GROUNDWATER LEVELS CAN OCCUR DUE TO VARIATIONS IN PRECIPITATION, SEASONS, WATER TABLE FLUCTUATION, ADJACENT CONSTRUCTION ACTIVITY, CONSTRUCTION DEWATERING SYSTEMS AND OTHER FACTORS.
4. REFER TO THE REPORT APPENDICES FOR TEST BORING LOGS.
5. THE STANDARD PENETRATION RESISTANCE, "N", IS DEFINED AS THE NUMBER OF BLOWS OF A 140-LB HAMMER FALLING THROUGH A VERTICAL DISTANCE OF 30 INCHES REQUIRED TO DRIVE A 2-INCH O.D., 1 3/8-INCH I.D. SPLIT SPOON SAMPLER 12 INCHES.
6. REFER TO THE REPORT TEXT FOR MORE DETAILED SOIL STRATUM DESCRIPTIONS AND THE TEST BORING LOGS FOR DETAILED SAMPLE DESCRIPTIONS.
7. SUBSURFACE PROFILES DEPICT THE GENERAL GEOLOGIC CONDITIONS AT THE SITE AND ARE BASED ON INTERPRETATION OF DATA ENCOUNTERED IN THE EXPLORATIONS. LINES REPRESENTING INTERFACES BETWEEN STRATA ON THE PROFILE ARE BASED ON ADJACENT BORINGS. THE BORING STICK SHOWS THE INTERPRETED SEQUENCE OF STRATA ENCOUNTERED AT THAT LOCATION. ACTUAL SOIL CONDITIONS AND INTERFACES BETWEEN EXPLORATIONS MAY VARY SIGNIFICANTLY FROM THOSE INDICATED ON THE PROFILES.

HORIZ. 0 30 60
VERT. 0 5 10

HALEY & ALDRICH

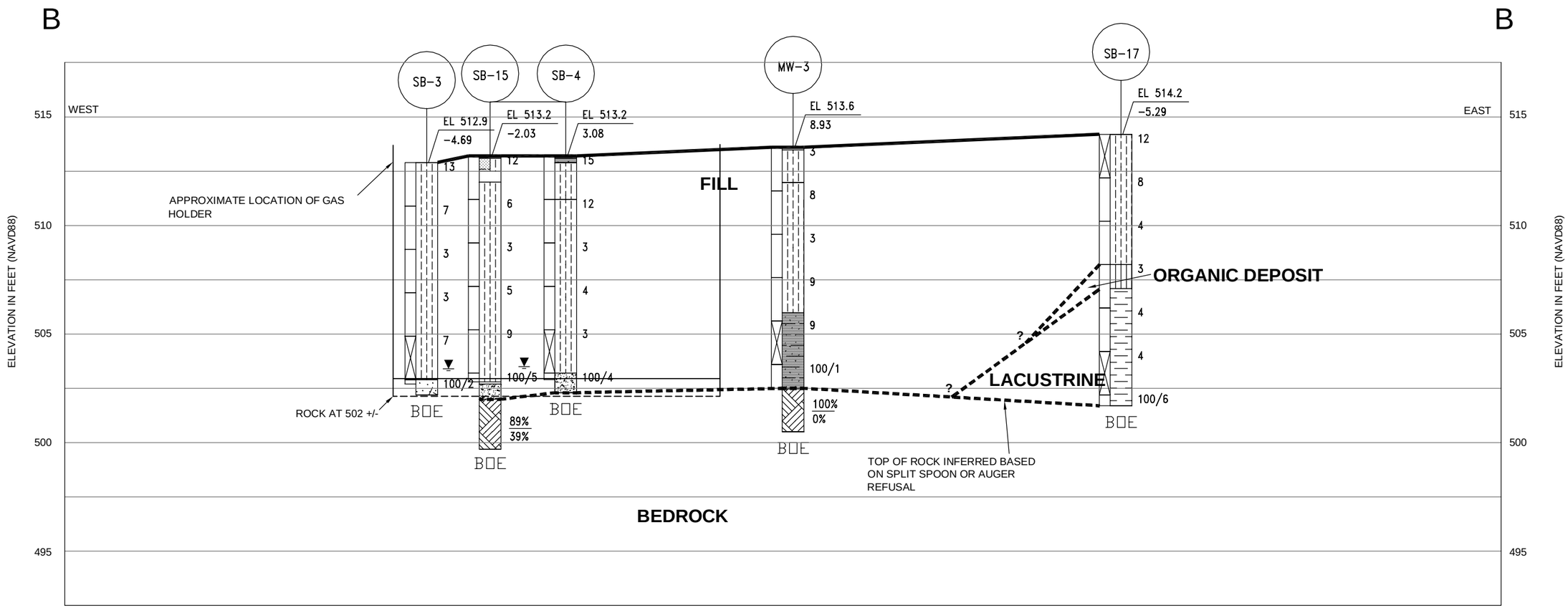
ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SUBSURFACE PROFILE A-A

SCALE: AS SHOWN
JANUARY 2008

FIGURE 3A

G:\PROJECTS\133879\003 REPORT W/ DUSR\JAN 2008 DRAFT\PROFILES 01-31-2007.DWG



HA-207 — BORING DESIGNATION

EL 12.0 / -15.0 — APPROXIMATE GROUND SURFACE ELEVATION; OFFSET BETWEEN BORING AND LINE OF SUBSURFACE PROFILE (NEGATIVE SIGN INDICATES THAT THE BORING IS OFFSET SOUTH OF THE WEST-EAST PROFILE LINE OR WEST OF THE NORTH-SOUTH PROFILE LINE)

4 — APPROXIMATE LOCATION OF SOIL SAMPLE AND STANDARD PENETRATION RESISTANCE, "N"

APPROXIMATE LOCATION ENVIRONMENTAL SAMPLES

INTERPRETED GEOLOGIC STRATUM INTERFACE

INFERRED GEOLOGIC STRATUM INTERFACE

89% / 39% — PERCENT RECOVERY / PERCENT RQD

BOE — BOTTOM OF EXPLORATION

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NAVD88.
2. OFFSET DISTANCES INDICATED ARE MEASURED FROM THE PLAN ELEVATION OF THE PROFILE LINE, PERPENDICLUAR TO THE LINE.
3. WATER LEVELS IN OPEN BOREHOLES WERE OBSERVED ON THE DATE INDICATED ON THE BORING LOG. INDICATED LEVELS MAY NOT REFLECT THE ACTUAL GROULDWATER. FLUCUATIONS IN GROUNDWATER LEVELS CAN OCCUR DUE TO VARIATIONS IN PRECIPITATION, SEASONS, WATER TABLE FLUCTUATION, ADJACENT CONSTRUCTION ACTIVITY, CONSTRUCTION DEWATERING SYSTEMS AND OTHER FACTORS.
4. REFER TO THE REPORT APPENDICES FOR TEST BORING LOGS.
5. THE STANDARD PENETRATION RESISTANCE, "N", IS DEFINED AS THE NUMBER OF BLOWS OF A 140-LB HAMMER FALLING THROUGH A VERTICAL DISTANCE OF 30 INCHES REQUIRED TO DRIVE A 2-INCH O.D., 1 3/8-INCH I.D. SPLIT SPOON SAMPLER 12 INCHES.
6. REFER TO THE REPORT TEXT FOR MORE DETAILED SOIL STRATUM DESCRIPTIONS AND THE TEST BORING LOGS FOR DETAILED SAMPLE DESCRIPTIONS.
7. SUBSURFACE PROFILES DEPICT THE GENERAL GEOLOGIC CONDITIONS AT THE SITE AND ARE BASED ON INTERPRETATION OF DATA ENCOUNTERED IN THE EXPLORATIONS. LINES REPRESENTING INTERFACES BETWEEN STRATA ON THE PROFILE ARE BASED ON ADJACENT BORINGS. THE BORING STICK SHOWS THE INTERPRETED SEQUENCE OF STRATA ENCOUNTERED AT THAT LOCATION. ACTUAL SOIL CONDITIONS AND INTERFACES BETWEEN EXPLORATIONS MAY VARY SIGNIFICANTLY FROM THOSE INDICATED ON THE PROFILES.

HORIZ. 0 30 60
VERT. 0 5 10

HALEY & ALDRICH

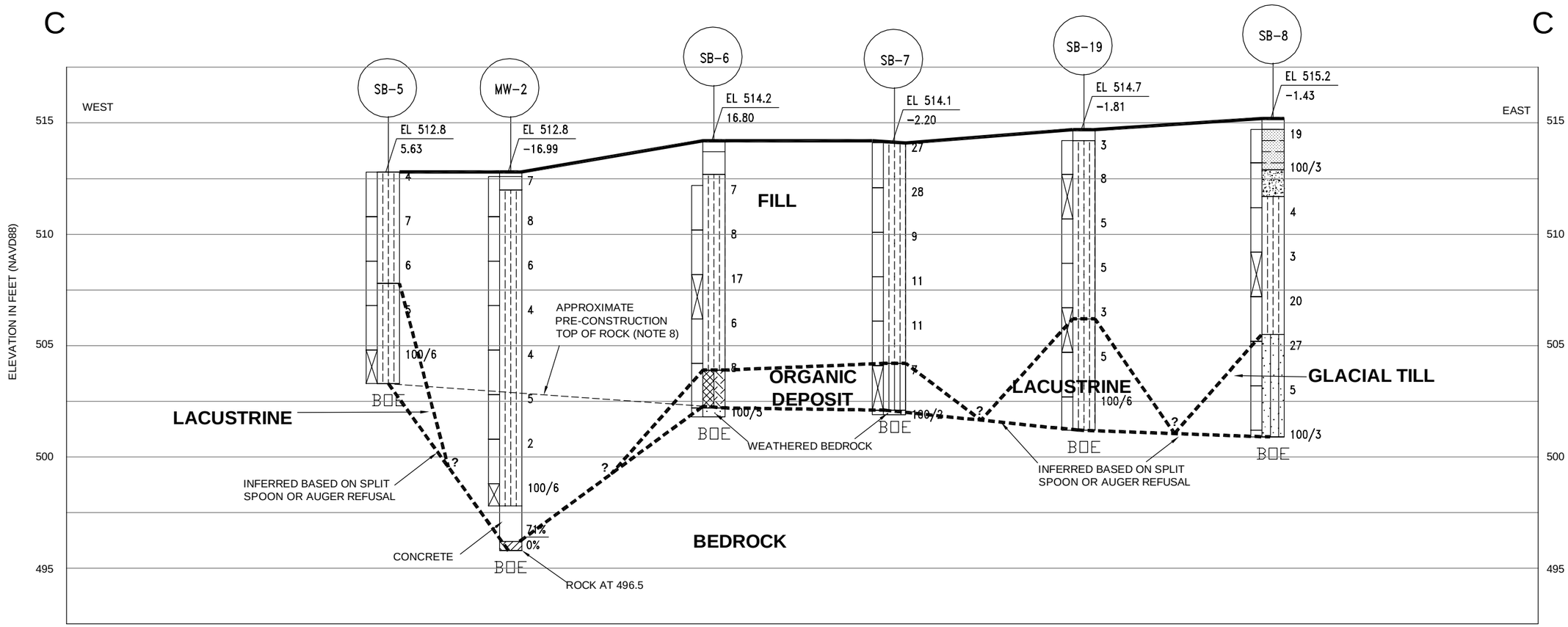
ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

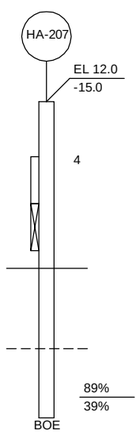
SUBSURFACE PROFILE B-B

SCALE: AS SHOWN
JANUARY 2008

FIGURE 3B

G:\PROJECTS\33879\003 REPORT W DUSR\JAN 2008 DRAFT\PROFILES 01-31-2007.DWG





BORING DESIGNATION

APPROXIMATE GROUND SURFACE ELEVATION;
OFFSET BETWEEN BORING AND LINE OF SUBSURFACE PROFILE
(NEGATIVE SIGN INDICATES THAT THE BORING IS OFFSET SOUTH OF THE WEST-EAST PROFILE LINE OR WEST OF THE NORTH-SOUTH PROFILE LINE)

APPROXIMATE LOCATION OF SOIL SAMPLE AND STANDARD PENETRATION RESISTANCE, "N"

APPROXIMATE LOCATION ENVIRONMENTAL SAMPLES

INTERPRETED GEOLOGIC STRATUM INTERFACE

INFERRED GEOLOGIC STRATUM INTERFACE

PERCENT RECOVERY / PERCENT RQD

BOTTOM OF EXPLORATION

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NAVD88.
2. OFFSET DISTANCES INDICATED ARE MEASURED FROM THE PLAN ELEVATION OF THE PROFILE LINE, PERPENDICLUAR TO THE LINE.
3. WATER LEVELS IN OPEN BOREHOLES WERE OBSERVED ON THE DATE INDICATED ON THE BORING LOG. INDICATED LEVELS MAY NOT REFLECT THE ACTUAL GROULDWATER. FLUCUATIONS IN GROUNDWATER LEVELS CAN OCCUR DUE TO VARIATIONS IN PRECIPITATION, SEASONS, WATER TABLE FLUCTUATION, ADJACENT CONSTRUCTION ACTIVITY, CONSTRUCTION DEWATERING SYSTEMS AND OTHER FACTORS.
4. REFER TO THE REPORT APPENDICES FOR TEST BORING LOGS.
5. THE STANDARD PENETRATION RESISTANCE, "N", IS DEFINED AS THE NUMBER OF BLOWS OF A 140-LB HAMMER FALLING THROUGH A VERTICAL DISTANCE OF 30 INCHES REQUIRED TO DRIVE A 2-INCH O.D., 1$\frac{3}{8}$-INCH I.D. SPLIT SPOON SAMPLER 12 INCHES.
6. REFER TO THE REPORT TEXT FOR MORE DETAILED SOIL STRATUM DESCRIPTIONS AND THE TEST BORING LOGS FOR DETAILED SAMPLE DESCRIPTIONS.
7. SUBSURFACE PROFILES DEPICT THE GENERAL GEOLOGIC CONDITIONS AT THE SITE AND ARE BASED ON INTERPRETATION OF DATA ENCOUNTERED IN THE EXPLORATIONS. LINES REPRESENTING INTERFACES BETWEEN STRATA ON THE PROFILE ARE BASED ON ADJACENT BORINGS. THE BORING STICK SHOWS THE INTERPRETED SEQUENCE OF STRATA ENCOUNTERED AT THAT LOCATION. ACTUAL SOIL CONDITIONS AND INTERFACES BETWEEN EXPLORATIONS MAY VARY SIGNIFICANTLY FROM THOSE INDICATED ON THE PROFILES.
8. PRE-CONSTRUCTION BEDROCK ELEVATION INTERPOLATED BETWEEN BORING SB-6 AND BORING SB-5.

HORIZ. 0 30 60
VERT. 0 5 10

HALEY & ALDRICH

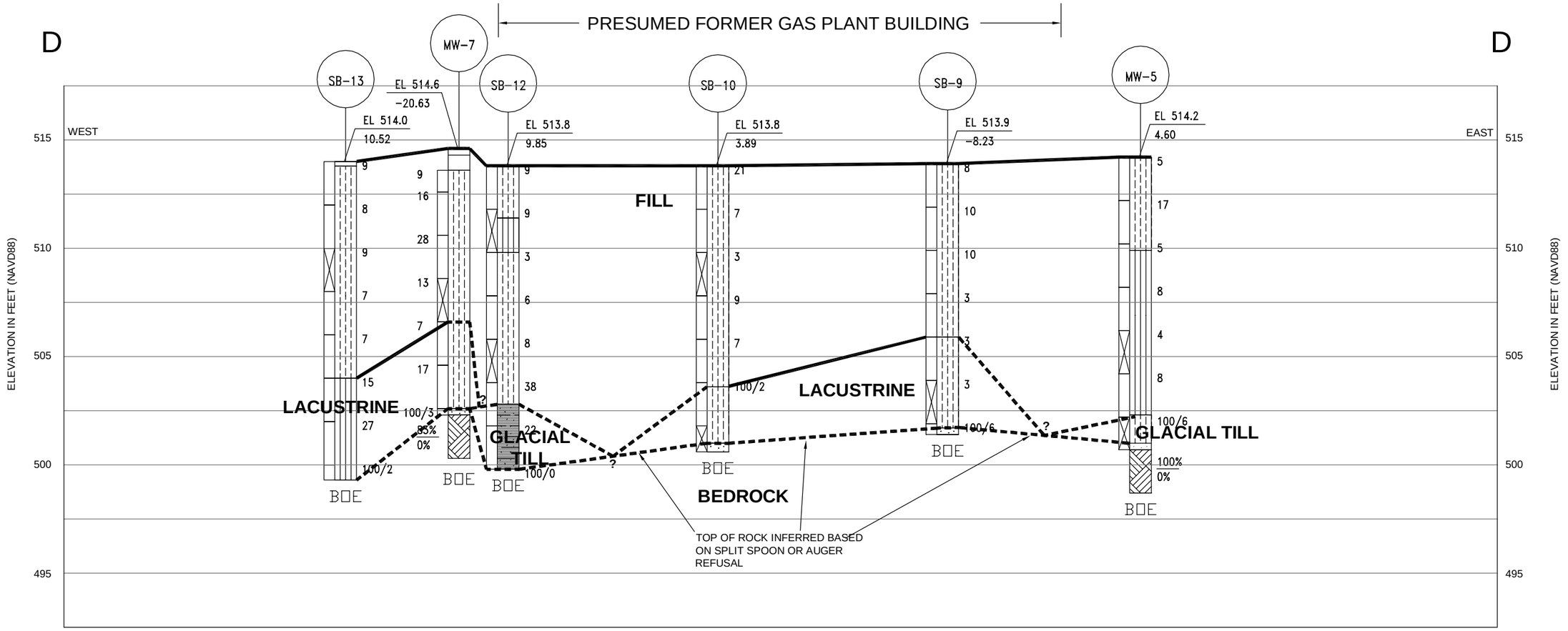
ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SUBSURFACE PROFILE C-C

SCALE: AS SHOWN
JANUARY 2008

FIGURE 3C

G:\PROJECTS\33879\003 REPORT W DUSR\JAN 2008 DRAFT\PROFILES 01-31-2007.DWG



HA-207 — BORING DESIGNATION

EL 12.0 / -15.0 — APPROXIMATE GROUND SURFACE ELEVATION; OFFSET BETWEEN BORING AND LINE OF SUBSURFACE PROFILE (NEGATIVE SIGN INDICATES THAT THE BORING IS OFFSET SOUTH OF THE WEST-EAST PROFILE LINE OR WEST OF THE NORTH-SOUTH PROFILE LINE)

4 — APPROXIMATE LOCATION OF SOIL SAMPLE AND STANDARD PENETRATION RESISTANCE, "N"

APPROXIMATE LOCATION ENVIRONMENTAL SAMPLES

INTERPRETED GEOLOGIC STRATUM INTERFACE

INFERRED GEOLOGIC STRATUM INTERFACE

89% / 39% — PERCENT RECOVERY / PERCENT RQD

BOE — BOTTOM OF EXPLORATION

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NAVD88.
2. OFFSET DISTANCES INDICATED ARE MEASURED FROM THE PLAN ELEVATION OF THE PROFILE LINE, PERPENDICLUAR TO THE LINE.
3. WATER LEVELS IN OPEN BOREHOLES WERE OBSERVED ON THE DATE INDICATED ON THE BORING LOG. INDICATED LEVELS MAY NOT REFLECT THE ACTUAL GROULDWATER. FLUCUATIONS IN GROUNDWATER LEVELS CAN OCCUR DUE TO VARIATIONS IN PRECIPITATION, SEASONS, WATER TABLE FLUCTUATION, ADJACENT CONSTRUCTION ACTIVITY, CONSTRUCTION DEWATERING SYSTEMS AND OTHER FACTORS.
4. REFER TO THE REPORT APPENDICES FOR TEST BORING LOGS.
5. THE STANDARD PENETRATION RESISTANCE, "N", IS DEFINED AS THE NUMBER OF BLOWS OF A 140-LB HAMMER FALLING THROUGH A VERTICAL DISTANCE OF 30 INCHES REQUIRED TO DRIVE A 2-INCH O.D., 1 3/8-INCH I.D. SPLIT SPOON SAMPLER 12 INCHES.
6. REFER TO THE REPORT TEXT FOR MORE DETAILED SOIL STRATUM DESCRIPTIONS AND THE TEST BORING LOGS FOR DETAILED SAMPLE DESCRIPTIONS.
7. SUBSURFACE PROFILES DEPICT THE GENERAL GEOLOGIC CONDITIONS AT THE SITE AND ARE BASED ON INTERPRETATION OF DATA ENCOUNTERED IN THE EXPLORATIONS. LINES REPRESENTING INTERFACES BETWEEN STRATA ON THE PROFILE ARE BASED ON ADJACENT BORINGS. THE BORING STICK SHOWS THE INTERPRETED SEQUENCE OF STRATA ENCOUNTERED AT THAT LOCATION. ACTUAL SOIL CONDITIONS AND INTERFACES BETWEEN EXPLORATIONS MAY VARY SIGNIFICANTLY FROM THOSE INDICATED ON THE PROFILES.

HORIZ. 0 30 60
VERT. 0 5 10

HALEY & ALDRICH

ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

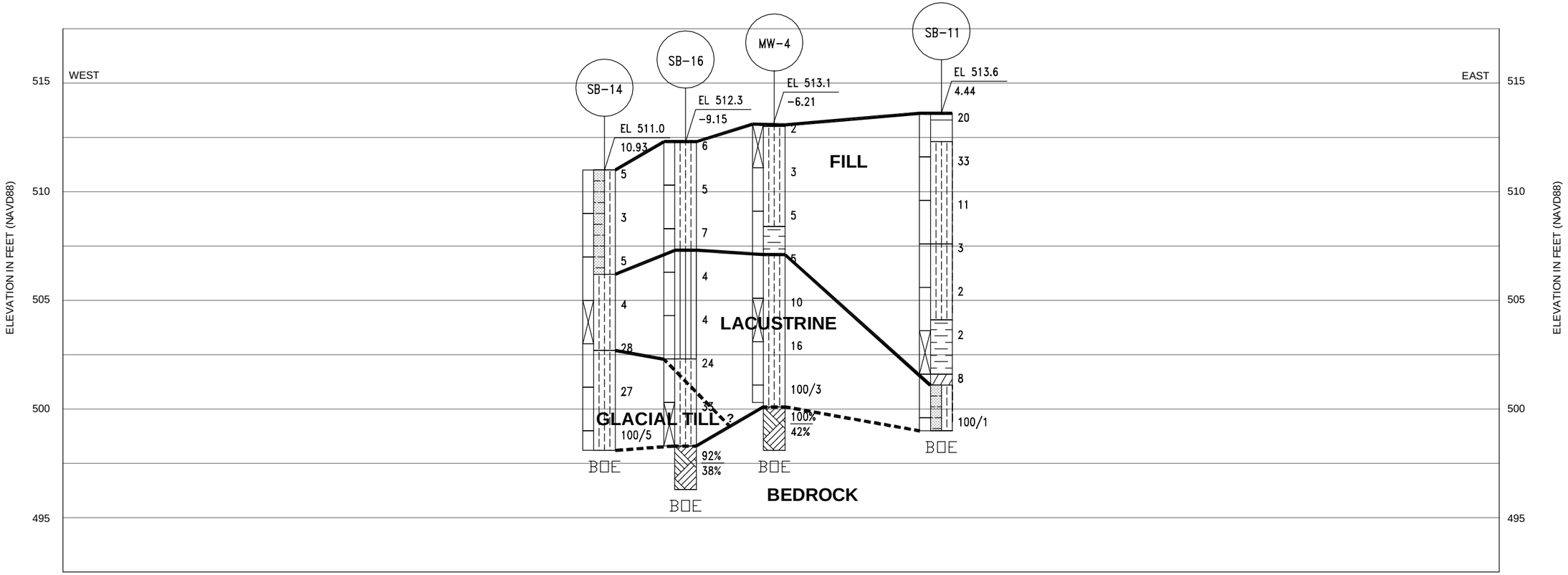
SUBSURFACE PROFILE D-D

SCALE: AS SHOWN
JANUARY 2008

FIGURE 3D

G:\PROJECTS\138879\003 REPORT W/ DUSR\JAN 2008 DRAFT\PROFILES 01-31-2007.DWG

E



E

HA-207 — BORING DESIGNATION

EL 12.0 / -15.0 — APPROXIMATE GROUND SURFACE ELEVATION; OFFSET BETWEEN BORING AND LINE OF SUBSURFACE PROFILE (NEGATIVE SIGN INDICATES THAT THE BORING IS OFFSET SOUTH OF THE WEST-EAST PROFILE LINE OR WEST OF THE NORTH-SOUTH PROFILE LINE)

4 — APPROXIMATE LOCATION OF SOIL SAMPLE AND STANDARD PENETRATION RESISTANCE, "N"

APPROXIMATE LOCATION ENVIRONMENTAL SAMPLES

INTERPRETED GEOLOGIC STRATUM INTERFACE

INFERRED GEOLOGIC STRATUM INTERFACE

89% / 39% — PERCENT RECOVERY / PERCENT RQD

BOE — BOTTOM OF EXPLORATION

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NAVD88.
2. OFFSET DISTANCES INDICATED ARE MEASURED FROM THE PLAN ELEVATION OF THE PROFILE LINE, PERPENDICLUAR TO THE LINE.
3. WATER LEVELS IN OPEN BOREHOLES WERE OBSERVED ON THE DATE INDICATED ON THE BORING LOG. INDICATED LEVELS MAY NOT REFLECT THE ACTUAL GROULDWATER. FLUCUATIONS IN GROUNDWATER LEVELS CAN OCCUR DUE TO VARIATIONS IN PRECIPITATION, SEASONS, WATER TABLE FLUCTUATION, ADJACENT CONSTRUCTION ACTIVITY, CONSTRUCTION DEWATERING SYSTEMS AND OTHER FACTORS.
4. REFER TO THE REPORT APPENDICES FOR TEST BORING LOGS.
5. THE STANDARD PENETRATION RESISTANCE, "N", IS DEFINED AS THE NUMBER OF BLOWS OF A 140-LB HAMMER FALLING THROUGH A VERTICAL DISTANCE OF 30 INCHES REQUIRED TO DRIVE A 2-INCH O.D., $1\frac{3}{8}$-INCH I.D. SPLIT SPOON SAMPLER 12 INCHES.
6. REFER TO THE REPORT TEXT FOR MORE DETAILED SOIL STRATUM DESCRIPTIONS AND THE TEST BORING LOGS FOR DETAILED SAMPLE DESCRIPTIONS.
7. SUBSURFACE PROFILES DEPICT THE GENERAL GEOLOGIC CONDITIONS AT THE SITE AND ARE BASED ON INTERPRETATION OF DATA ENCOUNTERED IN THE EXPLORATIONS. LINES REPRESENTING INTERFACES BETWEEN STRATA ON THE PROFILE ARE BASED ON ADJACENT BORINGS. THE BORING STICK SHOWS THE INTERPRETED SEQUENCE OF STRATA ENCOUNTERED AT THAT LOCATION. ACTUAL SOIL CONDITIONS AND INTERFACES BETWEEN EXPLORATIONS MAY VARY SIGNIFICANTLY FROM THOSE INDICATED ON THE PROFILES.

HORIZ.	0	30	60
VERT.	0	5	10

HALEY & ALDRICH

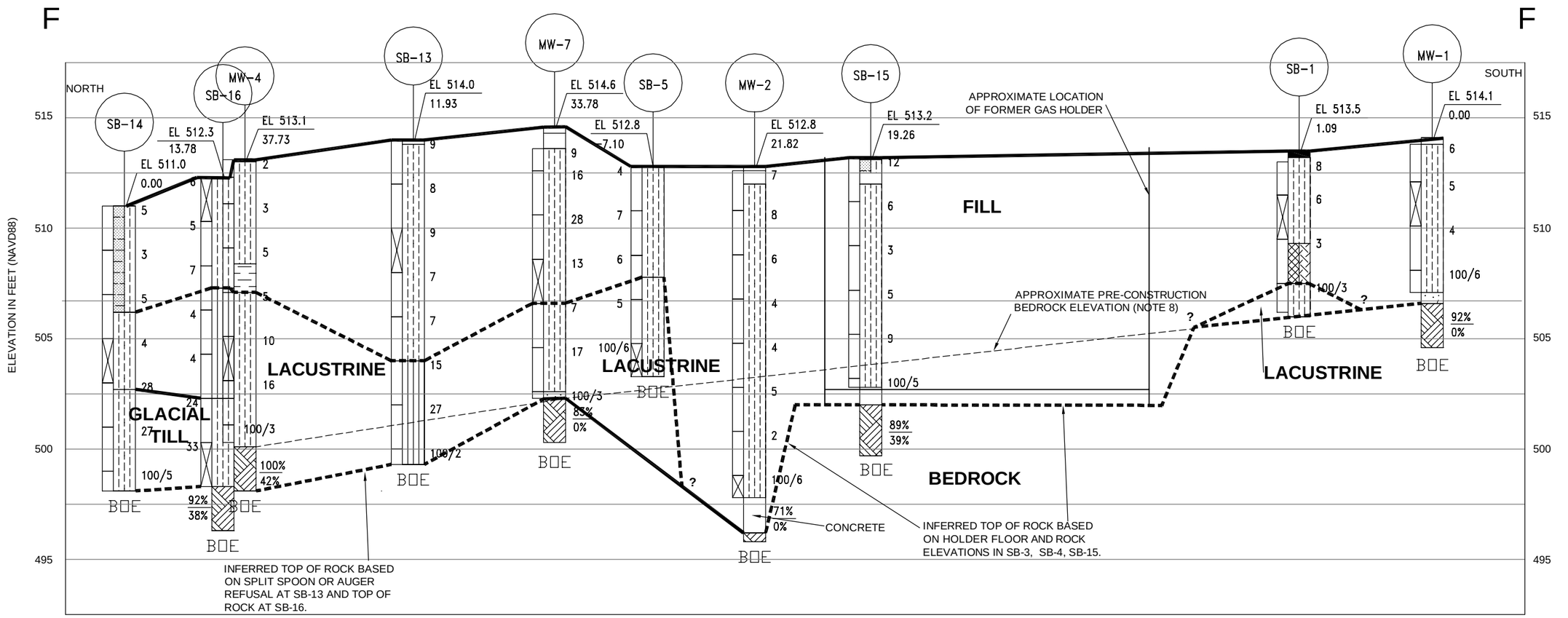
ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SUBSURFACE PROFILE E-E

SCALE: AS SHOWN
JANUARY 2008

FIGURE 3E

G:\PROJECTS\33879\003 REPORT W DUSRUAN 2008 DRAFT\PROFILES 01-31-2007.DWG



HA-207 — BORING DESIGNATION

EL 12.0 / -15.0 — APPROXIMATE GROUND SURFACE ELEVATION; OFFSET BETWEEN BORING AND LINE OF SUBSURFACE PROFILE (NEGATIVE SIGN INDICATES THAT THE BORING IS OFFSET SOUTH OF THE WEST-EAST PROFILE LINE OR WEST OF THE NORTH-SOUTH PROFILE LINE)

4 — APPROXIMATE LOCATION OF SOIL SAMPLE AND STANDARD PENETRATION RESISTANCE, "N"

APPROXIMATE LOCATION ENVIRONMENTAL SAMPLES

INTERPRETED GEOLOGIC STRATUM INTERFACE

INFERRED GEOLOGIC STRATUM INTERFACE

89% / 39% — PERCENT RECOVERY / PERCENT RQD

BOE — BOTTOM OF EXPLORATION

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NAVD88.
2. OFFSET DISTANCES INDICATED ARE MEASURED FROM THE PLAN ELEVATION OF THE PROFILE LINE, PERPENDICLUAR TO THE LINE.
3. WATER LEVELS IN OPEN BOREHOLES WERE OBSERVED ON THE DATE INDICATED ON THE BORING LOG. INDICATED LEVELS MAY NOT REFLECT THE ACTUAL GROULDWATER. FLUCUATIONS IN GROUNDWATER LEVELS CAN OCCUR DUE TO VARIATIONS IN PRECIPITATION, SEASONS, WATER TABLE FLUCTUATION, ADJACENT CONSTRUCTION ACTIVITY, CONSTRUCTION DEWATERING SYSTEMS AND OTHER FACTORS.
4. REFER TO THE REPORT APPENDICES FOR TEST BORING LOGS.
5. THE STANDARD PENETRATION RESISTANCE, "N", IS DEFINED AS THE NUMBER OF BLOWS OF A 140-LB HAMMER FALLING THROUGH A VERTICAL DISTANCE OF 30 INCHES REQUIRED TO DRIVE A 2-INCH O.D., $1\frac{3}{8}$-INCH I.D. SPLIT SPOON SAMPLER 12 INCHES.
6. REFER TO THE REPORT TEXT FOR MORE DETAILED SOIL STRATUM DESCRIPTIONS AND THE TEST BORING LOGS FOR DETAILED SAMPLE DESCRIPTIONS.
7. SUBSURFACE PROFILES DEPICT THE GENERAL GEOLOGIC CONDITIONS AT THE SITE AND ARE BASED ON INTERPRETATION OF DATA ENCOUNTERED IN THE EXPLORATIONS. LINES REPRESENTING INTERFACES BETWEEN STRATA ON THE PROFILE ARE BASED ON ADJACENT BORINGS. THE BORING STICK SHOWS THE INTERPRETED SEQUENCE OF STRATA ENCOUNTERED AT THAT LOCATION. ACTUAL SOIL CONDITIONS AND INTERFACES BETWEEN EXPLORATIONS MAY VARY SIGNIFICANTLY FROM THOSE INDICATED ON THE PROFILES.
8. PRE-CONSTRUCTION BEDROCK ELEVATION INTERPOLATED BETWEEN BORING MW-1 AND BORING MW-7.

HORIZ. 0 30 60
VERT. 0 5 10

HALEY & ALDRICH

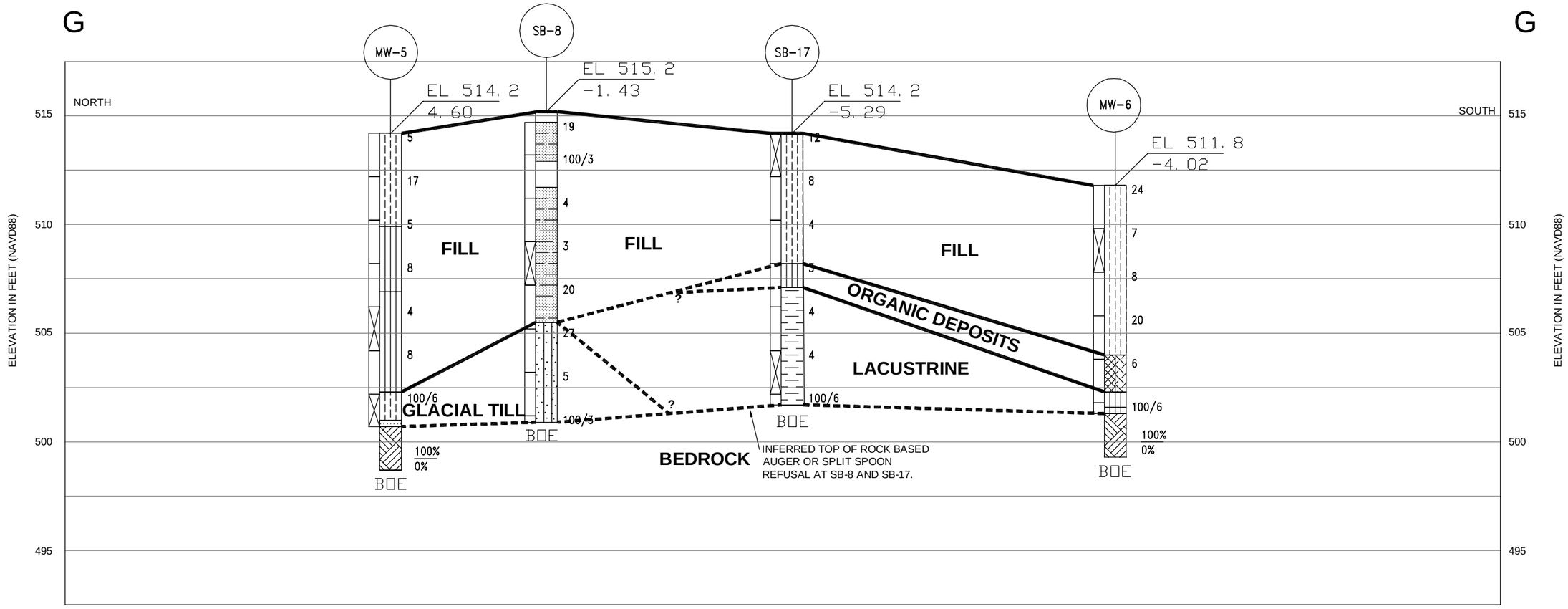
ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SUBSURFACE PROFILE F-F

SCALE: AS SHOWN
JANUARY 2008

FIGURE 3F

G:\PROJECTS\33879\003 REPORT W DUSR\JAN 2008 DRAFT\PROFILES 01-31-2007.DWG



HA-207 — BORING DESIGNATION

EL 12.0 / -15.0 — APPROXIMATE GROUND SURFACE ELEVATION; OFFSET BETWEEN BORING AND LINE OF SUBSURFACE PROFILE (NEGATIVE SIGN INDICATES THAT THE BORING IS OFFSET SOUTH OF THE WEST-EAST PROFILE LINE OR WEST OF THE NORTH-SOUTH PROFILE LINE)

4 — APPROXIMATE LOCATION OF SOIL SAMPLE AND STANDARD PENETRATION RESISTANCE, "N"

APPROXIMATE LOCATION ENVIRONMENTAL SAMPLES

INTERPRETED GEOLOGIC STRATUM INTERFACE

INFERRED GEOLOGIC STRATUM INTERFACE

89% / 39% — PERCENT RECOVERY / PERCENT RQD

BOE — BOTTOM OF EXPLORATION

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NAVD88.
2. OFFSET DISTANCES INDICATED ARE MEASURED FROM THE PLAN ELEVATION OF THE PROFILE LINE, PERPENDICLUAR TO THE LINE.
3. WATER LEVELS IN OPEN BOREHOLES WERE OBSERVED ON THE DATE INDICATED ON THE BORING LOG. INDICATED LEVELS MAY NOT REFLECT THE ACTUAL GROULDWATER. FLUCUATIONS IN GROUNDWATER LEVELS CAN OCCUR DUE TO VARIATIONS IN PRECIPITATION, SEASONS, WATER TABLE FLUCTUATION, ADJACENT CONSTRUCTION ACTIVITY, CONSTRUCTION DEWATERING SYSTEMS AND OTHER FACTORS.
4. REFER TO THE REPORT APPENDICES FOR TEST BORING LOGS.
5. THE STANDARD PENETRATION RESISTANCE, "N", IS DEFINED AS THE NUMBER OF BLOWS OF A 140-LB HAMMER FALLING THROUGH A VERTICAL DISTANCE OF 30 INCHES REQUIRED TO DRIVE A 2-INCH O.D., 1 3/8-INCH I.D. SPLIT SPOON SAMPLER 12 INCHES.
6. REFER TO THE REPORT TEXT FOR MORE DETAILED SOIL STRATUM DESCRIPTIONS AND THE TEST BORING LOGS FOR DETAILED SAMPLE DESCRIPTIONS.
7. SUBSURFACE PROFILES DEPICT THE GENERAL GEOLOGIC CONDITIONS AT THE SITE AND ARE BASED ON INTERPRETATION OF DATA ENCOUNTERED IN THE EXPLORATIONS. LINES REPRESENTING INTERFACES BETWEEN STRATA ON THE PROFILE ARE BASED ON ADJACENT BORINGS. THE BORING STICK SHOWS THE INTERPRETED SEQUENCE OF STRATA ENCOUNTERED AT THAT LOCATION. ACTUAL SOIL CONDITIONS AND INTERFACES BETWEEN EXPLORATIONS MAY VARY SIGNIFICANTLY FROM THOSE INDICATED ON THE PROFILES.

	0		30		60
HORIZ.					
VERT.	0		5		10

HALEY & ALDRICH

ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SUBSURFACE PROFILE G-G

SCALE: AS SHOWN
JANUARY 2008

FIGURE 3G

G:\PROJECTS\33879\003 REPORT W DUSR\JAN 2008 DRAFT\PROFILES 01-31-2007.DWG



LEGEND:

- SOIL BORING LOCATION
- MONITORING WELL LOCATION
- 65 TROWBRIDGE STREET PARCEL
- 90 CANAL STREET PARCEL
- APPROXIMATE LIMITS OF FORMER MUNICIPAL GAS LIGHT COMPANY MANUFACTURED GAS PLANT
- RAILROAD
- PARCEL BOUNDARY LINE
- SEWER LINE
- —F.O.— FIBER OPTIC LINE
- —X— FENCE LINE
- HYD HYDRANT
- LP LIGHT POLE
- 501.7 TOP OF BEDROCK ELEVATION
- —502— GENERALIZED TOP OF BEDROCK CONTOURS

NOTES:

1. LOCATIONS OF SOIL BORINGS AND MONITORING WELLS WERE SURVEYED BY PARRONE ENGINEERING.
2. BASE PLAN ILLUSTRATING EXISTING SITE STRUCTURES AND FEATURES DERIVED FROM PARRONE ENGINEERING DRAWING 6192.DWG.
3. WHERE ROCK IS ESTIMATED FROM AUGER OR SPOON REFUSAL THE ELEVATION IS DENOTED "REFUSAL".

N
W E
S

0 60 120
SCALE IN FEET

HALEY & ALDRICH

ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SITE PLAN SHOWING BEDROCK ELEVATIONS

SCALE: AS SHOWN
FEBRUARY 2009

FIGURE 8

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\BEDROCK V5.DWG

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-1

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start December 1, 2006
Finish December 1, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation Datum 513.5
Location See Plan
N 1,150,979
E 1,404,283

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0					513.2		-BITUMINOUS PAVEMENT-											
	3 4 4	S1 8/18	0.5 2.0		0.3	SM	Loose, black to dark brown, silty SAND with gravel (SM), 25% coal particles, trace brick, concrete and wood, no odor, moist.	PID = 0.0 ppm	5	10	5	20	15	20				
	2 3 3 4	S2 12/24	2.0 4.0			SM	Loose, brown to gray to black, silty SAND (SM), coal particles, ash, clinker, no odor, moist. -FILL-	PID = 0.0 ppm										
					509.3													
	1 1 2 2	S3 16/24	4.0 6.0		4.2	OL/OH	Soft, dark brown, ORGANIC SILT (OL/OH), trace ash in top 4 in., trace organic fibers, organic odor, moist. -ORGANIC DEPOSITS-	PID = 0.0 ppm										
5					507.5													
	7 12 100/3	S4 6/15	6.0 7.3		6.0	SM	Medium dense, gray-brown, silty SAND with gravel (SM), slight organic odor, wet. Auger refusal at 7.5 ft. on rock.	PID = 0.6 ppm	10	5	5	15	40	25				
				NO WELL INSTALLED	506.0 7.5		-LACUSTRINE- Bottom of exploration at 7.5 ft.											

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
12/01/06	-	-	-	-	6 +/-

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	7.5
Rock Cored (lin. ft.)	-
Samples	4S

Boring No. SB-1

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-2

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start December 1, 2006
Finish December 1, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 513.7
Datum
Location See Plan
N 1,150,981
E 1,404,338

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0					513.4		-BITUMINOUS PAVEMENT-											
	11 5 3	S1 4/18	0.5 2.0		0.3	SM	Medium dense, silty SAND with gravel (SM), slight weathered petroleum odor, dry.	PID = 1.0 ppm	10	25	10	20	15	20				
	5 4 3 3	S2 14/24	2.0 4.0			SM	Loose, dark brown, silty SAND with gravel (SM), 5% brick, trace coal particles, no odor, moist. -FILL-	PID = 0.0 ppm	10	10	5	15	20	35				
5	3 5 4 4	S3 14/24	4.0 6.0			SM	Loose, dark brown, silty SAND with gravel (SM), 20% coal, 20% ash, present as occasional coal and ash layers up to 2 in. thick, 5% clinker, no odor, moist.	PID = 0.7 ppm										
	1 1 2 2	S4 11/24	6.0 8.0			SM	Very loose, dark brown, silty SAND (SM), no odor, wet.	PID = 0.0 ppm		10	20	15	20	35				
	9 13 13 16	S5 12/24	8.0 10.0	NO WELL INSTALLED	505.2 8.5	SM	Loose, dark brown, silty SAND with gravel (SM), no odor, wet.	PID = 0.0 ppm										
10						SM	Medium dense, tan, silty SAND (SM), no odor, wet.		5	5		10	45	35				
	10 38 100/5	S6 12/17	10.0 11.4		502.5	SM	Very dense, tan, silty SAND (SM), no odor, wet. -LACUSTRINE-	PID = 0.0 ppm										
					11.2 502.3 11.4		Split spoon refusal with 2 in. weathered rock in tip. -WEATHERED BEDROCK- Bottom of exploration at 11.4 ft.											

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
12/01/06	-	-	-	-	~6.1

Sample Identification
O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (lin. ft.) 11.4
Rock Cored (lin. ft.) -
Samples 6S

Boring No. SB-2

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSRFIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-3

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start November 27, 2006
Finish November 27, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 512.9
Datum
Location See Plan
N 1,151,097
E 1,404,277

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	7 8 5 7	S1 12/24	0.0 2.0			SM	Medium dense, gray-brown to brown, silty SAND (SM), 20% coal particles, 5% furnace brick, trace ceramic, no odor, dry. -FILL-	PID = 0.0 ppm		10	10	10	20	25				
	5 4 3 3	S2 8/24	2.0 4.0			SM	Loose, gray-brown to brown, silty SAND (SM), coal particles, furnace brick, trace ceramic, no odor, dry.											
5	2 2 1 1	S3 14/24	4.0 6.0			SM	Very loose, yellow-brown, silty SAND with gravel (SM), 5% coal particles, trace ash, no odor, wet.	PID = 0.0 ppm		15	10	10	30	30				
	3 2 1 1	S4 12/24	6.0 8.0			SM	Very loose, yellow-brown, silty SAND (SM), 10% clinker, 10% coal, 5% brick, trace ash, no odor, wet.	PID = 0.0 ppm		10	10	10	20	25				
	2 3 4 5	S5 10/24	8.0 10.0			SM	Loose, yellow-brown, silty SAND with gravel (SM), 10% clinker, 10% coal, 5% brick, trace ash, no odor, wet.	PID = 0.0 ppm	10	10	10	5	15	25				
10	~~100/2~~	~~S6~~ 2/2	~~10.0~~ 10.2	NO WELL INSTALLED	502.9 10.0 502.2 10.7		Highly weathered rock fragments, split-spoon refusal at 10.2 ft., auger refusal at 10.7 ft. -WEATHERED BEDROCK- Bottom of exploration at 10.7 ft.											

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.) 10.7
Rock Cored (lin. ft.) -
Samples 6S

Boring No. SB-3

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-4

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start November 27, 2006
Finish November 27, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 513.2
Datum
Location See Plan
N 1,151,097
E 1,404,316

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	2 6 9 13	S1 15/24	0.0 2.0		513.1 0.1	GP	-TOPSOIL-											
					512.9 0.3	SM	Loose, gray, poorly-graded GRAVEL with sand (GP), no odor, dry.	PID = 0.0 ppm	20	40	15	10	10	5				
	2 5 7 10	S2 15/24	2.0 4.0			SM	Medium dense, black to dark brown, COAL particles 50%, 35% silty sand (SM), 10% clinker fragments and particles, 5% brick fragments, no odor, dry. Medium dense, dark gray-brown, silty SAND with gravel (SM), 10% coal particles, 5% brick particles, trace ash and ceramic, slight organic odor, moist.	PID = 0.0 ppm		15	5	10	20	35				
5	1 2 1 2	S3 16/24	4.0 6.0			SM	Medium dense, dark gray-brown, silty SAND with gravel (SM), coal particles, brick particles, trace ash and ceramic, slight organic odor, moist. -FILL-	PID = 0.0 ppm										
	1 2 2 2	S4 14/24	6.0 8.0			SM	Medium dense, dark gray-brown, silty SAND with gravel (SM), coal particles, trace brick, ash and ceramic, slight organic odor, moist, brown from 7.7 ft. to 8.0 ft.	PID = 0.0 ppm										
	1 2 1 5	S5 15/24	8.0 10.0			SM	Similar to S4 except wet at approximately 9.7 ft.	PID = 0.0 ppm										
10	~~100/4~~	~~S6~~ 4/24	~~10.0~~ 10.3	NO WELL INSTALLED	502.3 10.9	SM	Similar to S5 with 2 in. layer of tan ash particles and specks at 10.0 ft., dark gray, silty SAND 10.2 ft. to 10.3 ft., tan concrete in split-spoon tip. Note: auger to 10.9 ft. through concrete, auger refusal at 10.9 ft. Bottom of exploration at 10.9 ft.	PID = 0.0 ppm										

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
11/27/06	-	-	-	-	9.7

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	10.7
Rock Cored (lin. ft.)	-
Samples	6S

Boring No. SB-4

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-5

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start November 27, 2006
Finish November 27, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 512.8
Datum
Location See Plan
N 1,151,154
E 1,404,265

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	2 2 2 2	S1 3/24	0.0 2.0	NO WELL INSTALLED		SM	Very loose, dark brown to black, silty SAND with gravel (SM), 10% coal particles, no odor, dry.	PID = 0.0 ppm	5	25	5	10	25	20				
	1 3 4 6	S2 4/24	2.0 4.0			SM	Similar to S1, excpet loose.	PID = 0.3 ppm										
	2 3 3 3	S3 14/24	4.0 6.0			SM	Similar to S1.	PID = 0.0 ppm										
					507.8		-FILL-											
5					5.0	SM	Loose, brown to yellow-brown, silty SAND (SM), no odor, moist.			10	10	10	25	45				
	2 2 3 4	S4 13/24	6.0 8.0			SM	Similar to S3 (from 5.0 ft. to 6.0 ft.).	PID = 0.0 ppm										
	9 16 100/6	S5 15/18	8.0 9.5			SM	Medium dense, brown to yellow-brown, silty SAND (SM), no odor, wet, split-spoon refusal at 9.5 ft., auger refusal at 9.5 ft.	PID = 0.0 ppm		10	5	5	40	40				
					503.3		-LACUSTRINE-											
10					9.5		Bottom of exploration at 9.5 ft. Note: auger refusal at 9.5 ft.											

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
11/27/06	1535	0.2	8	8.5	8.5+/-

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	9.5
Rock Cored (lin. ft.)	-
Samples	5S
Boring No.	**SB-5**

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-6

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start November 30, 2006
Finish November 30, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation Datum 514.2
Location See Plan
N 1,151,155
E 1,404,354

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				NO WELL INSTALLED	513.7		-BRICK PAVERS-											
					0.5		-CONCRETE-											
					512.7													
					1.5													
	2 2 5 5	S1 10/24	2.0 4.0			SM	Loose, brown, silty SAND with gravel (SM), 10% coal particles, 10% brick fragments, 5% concrete fragments, trace ash, no odor, dry.	PID = 0.0 ppm										
	2 3 5 6	S2 12/24	4.0 6.0			SM	Loose, brown, silty SAND with gravel (SM), 10% brick fragments, no odor, dry.	PID = 0.0 ppm										
5																		
	5 9 8 9	S3 15/24	6.0 8.0			SM	Medium dense, light brown, silty SAND (SM), trace coal and ash in tip of split-spoon. -FILL-	PID = 0.0 ppm		10	5	10	45	30				
	1 2 4 2	S4 8/24	8.0 10.0			SM	Loose, brown, silty SAND with gravel (SM), no odor, moist.	PID = 0.0 ppm	10	10	5	10	40	25				
10					503.9													
	2 3 5 6	S5 10/24	10.0 12.0		10.3	OL/ OH	Medium stiff, dark brown, ORGANIC SILT with sand (OL/OH), trace clam shells and organics, organic odor, wet at approximately 11.5 ft. -ORGANIC DEPOSITS-	PID = 0.0 ppm				5	10	85				
	100/5	S6 2/5	12.0 12.4		502.2 12.0 501.8 12.4		Split spoon refusal with 2 in. of rock fragments. -WEATHERED BEDROCK- Bottom of exploration at 12.4 ft.											

Water Level Data						Sample Identification	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water	O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon G Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (lin. ft.) 12.4 Rock Cored (lin. ft.) - Samples 6S **Boring No. SB-6**

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-7

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start November 30, 2006
Finish November 30, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 514.1
Datum
Location See Plan
N 1,151,131
E 1,404,400

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	9 10 17 31	S1 15/24	0.0 2.0			SM	80% medium dense, black to dark brown, silty SAND with gravel (SM), 10% coal, 5% ash, 5% concrete, trace clinker, no odor, dry.	PID = 0.3 ppm	10	10	15	15	15	15				
	9 12 16 21	S2 14/24	2.0 4.0			SM	Similar to S1, 10% clinker, trace ash, brick and concrete.	PID = 0.0 ppm										
5	5 4 5 4	S3 12/24	4.0 6.0			SM	Loose, brown, silty SAND with gravel (SM), brick, ash, coal, trace clinker, no odor, moist.	PID = 0.6 ppm										
						SM	Loose, yellow-brown, silty SAND with gravel (SM), trace ash, coal, and brick, no odor, moist.		5	15	10	15	25	30				
	3 4 7 8	S4 10/24	6.0 8.0			SM	Medium dense, 70% black and red, coal and brick particles, 30% silty SAND with gravel (SM).	PID = 0.0 ppm										
	7 8 3 3	S5 8/24	8.0 10.0			SM	Medium dense, 70% black and red, coal and brick particles, 30% silty SAND with gravel (SM). -FILL-	PID = 0.5 ppm										
10				NO WELL INSTALLED	504.2 9.9													
	5 3 4 5	S6 9/24	10.0 12.0			ML	Medium stiff, dark brown, SILT with sand (ML), trace small clam shells, slight organic odor, moist. -ORGANIC DEPOSIT-	PID = 0.0 ppm					20	80	N	L	L	
	100/2	S7 1/2	12.0 12.2		502.1 12.0 501.9 12.2		Split spoon refusal with weathered bedrock chips -WEATHERED BEDROCK- Bottom of exploration at 12.2 ft.											

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
11/30/06	1210	.25	10	11	10+/-

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	12.0
Rock Cored (lin. ft.)	-
Samples	7S

Boring No. SB-7

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSRVFIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-8

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start November 30, 2006
Finish November 30, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 515.2
Datum
Location See Plan
N 1,151,121
E 1,404,502

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0					514.7		-BRICK PAVEMENT-											
	2 3 16	S1 3/18	0.5 2.0		0.5	SP	Medium dense, brown to black, poorly-graded SAND with gravel (SP), 15% coal particles, no odor, dry.	PID = 0.1 ppm	10	20	20	20	10	5				
	100/3	S2 2/3	2.0 4.0		512.9 2.3	SP	Medium dense, brown to black, poorly-graded SAND with gravel (SP), coal particles, no odor, dry. Split-spoon refusal at 2.3 ft.	PID = 0.1 ppm										
					511.7 3.5		Auger through probable concrete 2.3 ft. to 3.5 ft.											
	1 2 2 3	S3 0/24	4.0 6.0				No recovery, possibly pushed obstruction.											
5	1 2 1 2	S4 14/24	6.0 8.0			SM	Very loose, brown to gray-brown, silty SAND with gravel (SM), 10% coal particles, trace ash and brick, apparent slight naphthalene odor, wet.	PID = 1.6 ppm		20	10	15	20	25				
	8 9 11 12	S5 9/24	8.0 10.0			SM	Medium dense, brown to gray-brown, silty SAND with gravel (SM), coal particles, trace ash and brick, layer of coal and ash at 9.5 ft. to 9.7 ft., gravel 9.7 ft. to 10.0 ft., no odor, wet.	PID = 0.0 ppm										
					505.5													
10	7 8 19 6	S6 5/24	10.0 12.0	NO WELL INSTALLED	9.7	GM	-FILL- Medium dense, brown, silty GRAVEL with sand (GM), no odor, wet.	PID = 0.1 ppm	25	20	10	10	15	20				
	1 2 3 3	S7 2/24	12.0 14.0			GM	Loose, brown, silty GRAVEL with sand (GM), no odor, wet, poor recovery. -GLACIAL TILL-	PID = 0.0 ppm										
	~~100/3~~	~~S8~~ 1/3	~~14.0~~ 14.3		500.9 14.3	GM	Very dense, brown, silty GRAVEL with sand (GM), no odor, wet, split-spoon refusal on probable top-of-rock.											
15							Bottom of exploration at 14.3 ft.											

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
11/30/06	1050	.2	10	12	9.5+/-

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	14.3
Rock Cored (lin. ft.)	-
Samples	8S
Boring No.	**SB-8**

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-9

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start November 29, 2006
Finish November 29, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation Datum 513.9
Location See Plan
N 1,151,166
E 1,404,439

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	2 3 5 7	S1 6/24	0.0 2.0			SM	Loose, dark brown, silty SAND with gravel (SM), 10% coal particles, no odor, dry.	PID = 0.0 ppm	20	10	10	15	20	15				
	2 3 7 8	S2 16/24	2.0 4.0			SM	Loose, yellow-brown, silty SAND (SM), 5% coal particles, trace brick and ash, occasional clayey lenses, no odor, moist.	PID = 0.0 ppm		10	10	20	25	30				
5	3 4 6 6	S3 14/24	4.0 6.0				Similar to S2, trace coal and brick, occasional clayey lenses, petroleum odor at 5.5 ft., moist.	PID = 48.7 ppm										
	1 2 1 3	S4 17/24	6.0 8.0			SM	Very loose, gray-brown, silty SAND with gravel (SM), trace coal and small clam shells, weathered petroleum odor, wet, rounded gravel. -FILL-	PID = 12.4 ppm		15	10	20	25	30				
	1 1 2 3	S5 15/24	8.0 10.0	NO WELL INSTALLED	505.9 8.0	SM	Very loose, gray-brown, silty SAND with gravel (SM), frequent small clam shells, trace organics, weathered petroleum odor, wet, some stratification. -LACUSTRINE-	PID = 34.0 ppm		10	5	15	30	40				
10	1 2 1 2	S6 18/24	10.0 12.0			SM	Very loose, gray-brown, silty SAND with gravel (SM), frequent small clam shells, weathered, petroleum odor, wet, wood fibers at bottom of sample. .	PID = 48.7 ppm										
	100/6	S7 1/6	12.0 12.5		501.7 12.2 501.4 12.5		One inch of weathered rock chips, wet, slight weathered petroleum odor. -WEATHERED BEDROCK- Bottom of exploration at 12.5 ft. Note: Split spoon refusal at 12.5 ft. in weathered bedrock.											

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	12.5
Rock Cored (lin. ft.)	-
Samples	7S

Boring No. SB-9

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCS8LIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-10

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start November 28, 2006
Finish November 28, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 513.8
Datum
Location See Plan
N 1,151,191
E 1,404,380

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None Casing: spun
Hammer Fall (in.)	-	30	-	Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	5 10 11 16	S1 14/24	0.0 2.0	NO WELL INSTALLED		SM	Medium dense, dark brown to black, silty SAND with gravel (SM), 20% coal, 5% clinker, brick and gravel in spoon tip, no odor, dry. Note: auger through rubble debris 1.8 ft. to 4.0 ft. No sample 2.0 ft. to 4.0 ft.	PID = 0.0 ppm		15	10	10	20	20				
5	2 3 4 5	S2 16/24	4.0 6.0			SM	Similar to S1, except loose, with weathered petroleum odor, moist.											
	1 2 1 3	S3 10/24	6.0 8.0			SM	Very loose, light gray-brown, silty SAND with gravel (SM), slight weathered petroleum odor, moist.	PID = 32.4 ppm	5	20	10	10	35	20				
	2 3 6 7	S4 12/24	8.0 10.0			SM	Loose, dark brown, silty SAND (SM), to SILT with sand from 9.3 ft. to 10.0 ft., 5% brick and coal, weathered petroleum odor, moist. -FILL-	PID = 80.8 ppm										
10	2 3 4 6	S5 6/24	10.0 12.0		503.6 10.2	SM	Loose, yellow to gray, silty SAND with gravel (SM), weathered petroleum odor, wet.	PID = 281 ppm										
	12 28 100/2	S6 9/14	12.0 13.2		501.0 12.8 500.6 13.2		Similar to S5, except dense, yellow-green color in water; no apparent sheen or product; apparent strong weathered petroleum odor with possible naphthalene, wet, bottom 5 in. is completely weathered rock. -LACUSTRINE- -WEATHERED BEDROCK- Bottom of exploration at 13.2 ft. Note: Split spoon refusal with weathered rock.	PID = 73.0 ppm										
15																		

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
11/28/06	1555	.2	10	11	10+/-

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.) 13.2
Rock Cored (lin. ft.) -
Samples 6S

Boring No. SB-10

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_T83APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 13, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-11

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start November 29, 2006
Finish November 29, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation Datum 513.6
Location See Plan
N 1,151,263
E 1,404,351

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	4 9 11 26	S1 15/24	0.0 2.0	NO WELL INSTALLED	513.3 0.3 512.3		-TOPSOIL- Wood with creosote odor, probable railroad tie.	PID = 39.3 ppm										
	9 22 11 12	S2 6/24	2.0 4.0		1.3	SM	Dense, dark brown, silty SAND with gravel (SM), trace concrete and clinker/slag, creosote odor, dry. 6 in. of creosote-coated wood, probable railroad tie.	PID = 104 ppm										
5	4 5 6 4	S3 1/24	4.0 6.0		507.6		1 in. of creosote-saturated wood, strong odor, sheen in spoon, probable railroad tie, poor recovery.	PID = 109 ppm										
	1 1 2 1	S4 2/24	6.0 8.0		6.0	SM	Very loose, brown, silty SAND (SM) and creosote-coated wood fibers, poor recovery. -FILL-	PID = 32.3 ppm										
	1 1 1 1	S5 14/24	8.0 10.0		504.1	SM	Very loose, brown to black, silty SAND (SM), 20% ash, 5% wood fibers, slight creosote odor, wet.	PID = 1.6 ppm										
10	1 1 1 1	S6 17/24	10.0 12.0		9.5 501.6	SC	Very loose, yellow-brown, clayey SAND (SC), slight creosote odor, wet, bottom 2 in. is brown, trace organic fibers.	PID = 1.2 ppm		10	10	5	30	45				
	1 3 5 6	S7 14/24	12.0 14.0		12.0 501.1 12.5	CL SP-SM	Soft, dark brown, sandy CLAY (CL), slight creosote odor, moist. -FILL- Medium dense, yellow-brown, poorly-graded SAND with silt (SP-SM), slight creosote odor, wet.	PID = 0.7 ppm PID = 0.0 ppm			5	20	65	10				
	5 100/1	S8 3/7	14.0 14.6		499.0 14.6		-LACUSTRINE- Bottom of exploration at 14.6 ft. Note: Split spoon refusal.											
15																		

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
11/29/06	1420	0.1	14	14.5	8+/-

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	14.6
Rock Cored (lin. ft.)	-
Samples	8S

Boring No. SB-11

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSRFIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-12

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start November 28, 2006
Finish November 28, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation Datum 513.8
Location See Plan
N 1,151,209
E 1,404,324

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	2 3 6 6	S1 19/24	0.0 2.0			SM	Loose, dark brown to black, silty SAND (SM), 15% coal particles, 5% brick, no odor, dry, occasional lens of odor-free, yellow-brown, silty sand.	PID = 0.7 ppm	10	10	10	10	15	25				
	6 4 5 5	S2 16/24	2.0 4.0		511.4 2.4	ML	Stiff, brown to gray-brown, sandy SILT (ML), trace ash, slight weathered petroleum odor, moist.	PID = 65.8 ppm		10	5	10	25	50				
	1 2 1 3	S3 14/24	4.0 6.0		509.8 4.0	SM	Very loose, black to brown, silty SAND (SM), 20% coal particles, 15% ash, 15% brick, 5% clinker, slight acrid odor, dry.	PID = 32.9 ppm										
5	1 2 4 5	S4 14/24	6.0 8.0			SM	Loose, black to brown, silty SAND (SM), 20% coal particles, 15% ash, 15% brick, 5% clinker, slight acrid odor, dry.	PID = 1.1 ppm										
	2 4 4 3	S5 12/24	8.0 10.0			SM	Loose, black to yellow-brown, silty SAND with gravel (SM), trace coal, slight weathered petroleum odor to 9.5 ft., wet at 9.0 ft., no sheen.	PID = 0.7 ppm	5	20	10	10	25	30				
10	5 10 28 38	S6 12/24	10.0 12.0	NO WELL INSTALLED	502.8 11.0	SM GP	Dense, black to yellow-brown, silty SAND with gravel (SM), slight weathered petroleum odor, no sheen, cobble fragments at 11.4 ft. to 11.6 ft. -FILL-	PID = 0.5 ppm PID = 1.3 ppm										
	9 10 12 13	S7 6/24	12.0 14.0		499.8		Medium dense, gray, poorly-graded GRAVEL with sand, musty odor, dry. Note: cobbles and boulders 12.0 ft. to 14.0 ft, split-spoon refusal and auger refusal at 14.0 ft. - GLACIAL TILL-											
	100/0	S8 0/0	14.0 14.0		14.0		Bottom of exploration at 14.0 ft.											
15																		

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
11/28/06	-	-	-	-	9+/-

Sample Identification: O Open End Rod; T Thin Wall Tube; U Undisturbed Sample; S Split Spoon; G Geoprobe

Well Diagram: Riser Pipe; Screen; Filter Sand; Cuttings; Grout; Concrete; Bentonite Seal

Summary
Overburden (lin. ft.) 14.0
Rock Cored (lin. ft.) -
Samples 8S

Boring No. SB-12

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None; Toughness: L-Low, M-Medium, H-High; Plasticity: N-Nonplastic, L-Low, M-Medium, H-High; Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-13

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start November 28, 2006
Finish November 28, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 514.0
Datum
Location See Plan
N 1,151,220
E 1,404,281

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	6 5 4 3	S1 16/24	0.0 2.0		513.8 0.2	SM	-TOPSOIL- Loose, dark brown to black, silty SAND with gravel (SM), 20% coal particles, 5% clinker, no odor, dry.	PID = 0.0 ppm	5	10	10	15	20	15				
	6 4 4 5	S2 15/24	2.0 4.0			SM	Loose, dark gray-brown, silty SAND (SM), 5% coal particles, weathered petroleum odor, moist. -FILL-	PID = 70.6 ppm		10	10	5	35	35				
5	2 3 6 6	S3 17/24	4.0 6.0			SM	Loose, light brown to light gray-brown, silty SAND (SM), weathered petroleum odor, moist.	PID = 437 ppm		5	10	5	50	30				
	2 3 4 4	S4 20/24	6.0 8.0			SM	Loose, light brown, silty SAND (SM), weathered petroleum odor, moist.	PID = 449 ppm										
	3 3 4 4	S5 24/24	8.0 10.0	NO WELL INSTALLED		SM	Loose, light brown, silty SAND (SM), weathered petroleum odor, wet at 9.6 ft. -FILL-	PID = 421 ppm										
10	6 7 8 8	S6 18/24	10.0 12.0		504.0 10.0	ML	Stiff, light brown to tan, sandy SILT (ML), weathered petroleum odor, wet, no sheen.	PID = 260 ppm		10	10	5	20	55				
	9 11 16 18	S7 18/24	12.0 14.0			ML	Very stiff, light brown to tan, sandy SILT (ML), weathered petroleum odor, wet, no sheen.	PID = 168 ppm		10	5		15	70				
	26 100/2	S8 5/8	14.0 14.7		499.3 14.7	ML	Very stiff, light brown to tan, SILT with sand (ML), weathered petroleum odor, wet, no sheen. -LACUSTRINE-	PID = 372 ppm										
15							Bottom of exploration at 14.7 ft. Note: Split spoon refusal.											

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
11/28/06	-	-	-	-	9.6+/-

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	14.7
Rock Cored (lin. ft.)	-
Samples	8S

Boring No. SB-13

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DJSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-14

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start November 29, 2006
Finish November 29, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 511.0
Datum
Location See Plan
N 1,151,297
E 1,404,264

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	2 2 3 3	S1 19/24	0.0 2.0	NO WELL INSTALLED		SM/SP	Loose, brown, poorly-graded SAND (SP) and silty SAND (SM), layered, with 20% coal particles, trace gravel, no odor, dry.	PID = 0.0 ppm										
	3 2 1 1	S2 14/24	2.0 4.0				Similar to S1, except very loose, trace brick. -FILL-	PID = 0.0 ppm										
	1 2 3 7	S3 16/24	4.0 6.0		506.2													
5					4.8	SM	Loose, brown to yellow-brown, silty SAND with gravel (SM), trace clay, occasional sand seams, no odor, moist, wet at approximately 5.5 ft. -LACUSTRINE-	PID = 0.0 ppm	5	10	10	15	30	30				
	1 2 2 3	S4 24/24	6.0 8.0			SM	Very loose, gray to black-stained, silty SAND with gravel (SM), petroleum odor, wet, no sheen.	PID = 1258 ppm										
	12 13 15 22	S5 18/24	8.0 10.0		502.7 8.3	SM	Medium dense, light gray-brown, silty SAND with gravel (SM), petroleum odor, wet, no sheen.	PID = 1206 ppm	20	15	5	10	25	25				
10	9 12 15 20	S6 18/24	10.0 12.0			SM	Medium dense, light brown, silty SAND with gravel (SM), petroleum odor, wet, no sheen.	PID = 1171 ppm										
	36 100/5	S7 7/24	12.0 12.9		498.1 12.9	SM	Dense, light brown, silty SAND with gravel (SM), petroleum odor, wet, no sheen, weathered rock in spoon tip. -GLACIAL TILL- Bottom of exploration at 12.9 ft. Note: Split spoon refusal with rock chips.	PID = 178 ppm										

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
11/29/06	1240	0.1	10	-	5.5+/-

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	12.9
Rock Cored (lin. ft.)	-
Samples	7S

Boring No. SB-14

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None; Toughness: L-Low, M-Medium, H-High; Plasticity: N-Nonplastic, L-Low, M-Medium, H-High; Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 13, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-15

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 2
Start November 28, 2006
Finish November 28, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 513.2
Datum
Location See Plan
N 1,151,096
E 1,404,295

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	4	S1	0.0	NO WELL INSTALLED	513.1	SP-SM	-TOPSOIL-	PID = 0.0 ppm		25	15	20	30	10				
	5	16/24	2.0		0.1		Medium dense, brown, poorly-graded SAND with silt and gravel (SP-SM), no odor, dry.											
	7				512.5			PID = 0.0 ppm										
	8				0.7	SM	Medium dense, black, COAL particles, 25% slag and clinker particles, no odor, dry.	PID = 0.0 ppm		20	5	10	30	35				
	4	S2	2.0		512.0		Loose, brown, silty SAND with gravel (SM), no odor, moist.											
	3	20/24	4.0		1.2													
	3																	
	3																	
	1	S3	4.0			SM	Very loose, brown, silty SAND with gravel (SM), trace coal and brick particles, no odor, moist.	PID = 0.0 ppm		20	5	10	30	35				
5	2	16/24	6.0															
	1																	
	2																	
	1	S4	6.0			SM	Loose, brown, silty SAND with gravel (SM), trace coal particles, no odor, moist.	PID = 0.0 ppm	5	15	5	5	30	40				
	2	8/24	8.0															
	3																	
	1																	
	2	S5	8.0				Similar to S4, wet at approximately 9.8 ft.	PID = 0.0 ppm										
	4	9/24	10.0															
	5																	
	7																	
10	100/5	S6	10.0		502.8	SM	Loose, brown, silty SAND with gravel (SM), trace coal particles, no odor, wet, split-spoon refusal at 10.4 ft.	PID = 0.0 ppm										
		3/24	10.4		10.4		-FILL-											
							See Core Boring Report SB-15.											
15																		

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
11/28/06	-	-	-	-	9.8

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	10.4
Rock Cored (lin. ft.)	3.0
Samples	6S

Boring No. SB-15

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSBJB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSRFIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

CORE BORING REPORT

DRAFT

Boring No. SB-15
File No. 33879-001
Sheet No. 2 of 2

Depth (ft)	Drilling Rate Min./ft	Run No.	Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weathering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
10							502.7	
	1	C1	10.5	32	89		10.5	Highly weathered, tan, CONCRETE, no odor, no stain.
			13.5	14	39		502.0	**-CONCRETE FILL-**
	2						11.2	Hard, moderately to slightly weathered, gray, fine-grained DOLOSTONE with frequent tan SHALE beds, bedding horizontal to low angle, planar to undulating, thin, joints are horizontal to low angle, very close to close, rough, planar to undulating, discolored, open, with frequent discontinuous fractures.
	2							**-BEDROCK-**
							499.7	
							13.5	Bottom of exploration at 13.5 ft.
15								

H+A_CORE_NO WELL4 USCSLIB4.GLB USCSTB+CORE4.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 13, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-16

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 2
Start December 5, 2006
Finish December 5, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 512.3
Datum
Location See Plan
N 1,151,272
E 1,404,280

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	2 3 3 2	S1 12/24	0.0 2.0			SM	Loose, dark brown, silty SAND (SM), 35% light blue to white lime-like material, 10% coal particles, no odor, dry.	PID = 0.0 ppm		10	5	10	15	15				
	1 2 3 3	S2 15/24	2.0 4.0			SM	Loose, dark brown, silty SAND (SM), light blue to white lime-like material from 2.1 ft. to 2.6 ft., coal particles, no odor, dry. -FILL-	PID = 0.0 ppm										
	2 3 4 5	S3 12/24	4.0 6.0		507.3	SM	Loose, dark brown, silty SAND (SM), light blue to white lime-like material, coal particles, no odor, dry.											
5					5.0	ML	Stiff, brown to dark brown, SILT with sand (ML), no odor, moist.	PID = 0.0 ppm		5			20	80				
	1 2 2 4	S4 16/24	6.0 8.0			CL-ML	Soft, yellow-brown to brown, clayey SILT (CL-ML) with occasional seams of fine sand, no odor, moist. -LACUSTRINE-	PID = 0.0 ppm										
	1 2 2 3	S5 14/24	8.0 10.0			CL	Similar to S4, wet at approximately 9.3 ft.; red-brown, lean CLAY from 9.4 ft. to 9.6 ft.	PID = 0.0 ppm										
10	8 9 15 17	S6 16/24	10.0 12.0	NO WELL INSTALLED	502.3 10.0	SM	Medium dense, brown to yellow-brown, silty SAND with gravel (SM), no odor, wet, compact in-situ.	PID = 0.0 ppm	10	5			45	40				
	12 15 18 25	S7 16/24	12.0 14.0			SM	Dense, yellow-brown to light brown, silty SAND with gravel (SM), slight motor oil-like odor, wet, compact in-situ.	PID = 1.2 ppm	10	20	5	10	25	30				
					498.3 14.0		-GLACIAL TILL- See Core Boring Report SB-16.											
15																		

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	14
Rock Cored (lin. ft.)	2.0
Samples	7S

Boring No. SB-16

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High, V-Very High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB34PID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

CORE BORING REPORT

DRAFT

Boring No. SB-16
File No. 33879-001
Sheet No. 2 of 2

Depth (ft)	Drilling Rate Min./ft	Run No.	Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weath-ering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
								Note: Drill action suggests top-of-bedrock
							498.3	
		C1	14.0	22	92		**14.0**	Hard, slightly weathered, gray, fine-grained DOLOSTONE, bedding horizontal to low angle, thin, joints horizontal to low angle, very close to close, rough, planar to undulating, discolored to fresh, open.
15			16.0	9	38			**-BEDROCK-**
							496.3	
							16.0	Bottom of exploration at 16.0 ft.

H+A_CORE_NO WELL4 USCSLIB4.GLB USCSTB+CORE4.GDT G:\PROJECTS\33879\003 REPORT W DUSRFIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. SB-17

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start December 4, 2006
Finish December 4, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 514.2
Datum
Location See Plan
N 1,151,060
E 1,404,465

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	3 5 7 6	S1 14/24	0.0 2.0	NO WELL INSTALLED		SM	Medium dense, brown, silty SAND with gravel (SM), 20% coal particles, trace clinker and brick, no odor, dry.	PID = 0.0 ppm	5	15	5	10	20	25				
	3 4 4 5	S2 3/24	2.0 4.0			SM	Medium dense, brown, silty SAND with gravel (SM), coal particles, no odor, dry, poor recovery, gravel in tip of split-spoon.	PID = 0.0 ppm										
5	1 2 2 3	S3 4/24	4.0 6.0			SM	Very loose, dark brown to orange-brown, silty SAND (SM), 5% coal, trace ash, no odor, moist. -FILL-	PID = 0.0 ppm			5	10	40	40				
					508.2													
	1 2 1 2	S4 16/24	6.0 8.0		6.0 507.1	ML	Soft, dark brown, sandy SILT (ML), slight organic odor, moist. -ORGANIC DEPOSIT-	PID = 0.0 ppm					30	70				
					7.1	SC	Very loose, brown to yellow-brown, clayey SAND with gravel (SC), slight organic odor, moist.	PID = 0.0 ppm	5	15	10	10	15	45				
	1 2 2 2	S5 11/24	8.0 10.0			SC	Very loose, brown to yellow-brown, clayey SAND with gravel (SC), trace organics, slight organic odor, wet. -LACUSTRINE-	PID = 0.0 ppm										
10	1 2 2 2	S6 12/24	10.0 12.0				Similar to S5; slight weathered petroleum odor from 11.5 ft. to 12.0 ft.											
	100/6	S7 6/6	12.0 12.5		501.7 12.5	SC	Very loose, brown to yellow-brown, clayey SAND (SC), trace organics, slight weathered petroleum odor, wet.	PID = 0.0 ppm										
							Bottom of exploration at 12.5 ft. Note: Split spoon refusal and auger refusal at 12.5 ft.											

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
12/04/06	-	-	-	-	8+/-

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary	
Overburden (lin. ft.)	12.5
Rock Cored (lin. ft.)	-
Samples	7S

Boring No. SB-17

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 13, 07

Boring No. SB-18
Was not installed

Note: Boring SB-19 was not re-numbered to be SB-18 because the soil sample labels and chain-of-custody documentation completed in the field used the SB-19 designation.

TEST BORING REPORT

DRAFT

Boring No. SB-19

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 1
Start December 1, 2006
Finish December 1, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation Datum
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	-	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	2 1/4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0							-BRICK PAVERS-											
	2 1 2	S1 10/18	0.5 2.0		0.5	SM	50% COAL particles, 50% dark brown, silty SAND (SM), trace ash, no odor, moist.	PID = 0.0 ppm										
	4 4 4 4	S2 12/24	2.0 4.0			SM	Loose, dark gray-brown to brown, silty SAND with gravel (SM), trace coal, ash and glass, weathered petroleum odor, moist.	PID = 23.4 ppm										
5	4 3 2 1	S3 14/24	4.0 6.0			SM	Loose, brown, silty SAND (SM), slight weathered petroleum odor with slight naphthalene odor, moist.	PID = 6.2 ppm	5	5	5	20	35	30				
	2 2 3 2	S4 14/24	6.0 8.0			SM	Loose, brown, silty SAND (SM), slight weathered petroleum odor with slight naphthalene odor, moist, 1 in. coal in tip of spoon. -FILL-	PID = 12.1 ppm										
	1 1 2 2	S5 12/24	8.0 10.0	NO WELL INSTALLED	8.5	SM	Loose, brown to yellow-brown, silty SAND with gravel (SM), no odor, wet at approximately 9.5 ft.	PID = 6.8 ppm	5	15	5	15	30	30				
10	1 2 3 5	S6 7/24	10.0 12.0			SM	Loose, brown to yellow-brown, silty SAND with gravel (SM), no odor, wet. -LACUSTRINE-	PID = 0.0 ppm										
	6 18 100/6	S7 8/18	12.0 13.5			SM	Loose, brown to yellow-brown, silty SAND with gravel (SM), no odor, wet, weathered rock in spoon tip.	PID = 0.0 ppm										
					13.5		Bottom of exploration at 13.5 ft. Note: Split spoon refusal with weathered rock.											
15																		

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.) 13.5
Rock Cored (lin. ft.) -
Samples 7S

Boring No. SB-19

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. MW-1

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 2
Start December 1, 2006
Finish December 1, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 514.1
Datum
Location See Plan
N 1,150,942
E 1,404,284

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	NX	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	4 1/4	1 3/8	2.0	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0					513.8		-BITUMINOUS PAVEMENT-											
	2 3 3	S1 12/18	0.3 2.0		0.3	SM	Loose, dark brown, silty SAND with gravel (SM), trace white brittle material, no odor, moist.	PID = 0.0 ppm		15	10	20	40	15				
	1 2 3 3	S2 14/24	2.0 4.0			SM	Loose, dark brown, silty SAND with gravel (SM), no odor, moist, trace brick at 3.9 ft.	PID = 0.0 ppm										
5	1 2 2 3	S3 1/24	4.0 6.0			SM	Very loose, dark brown, silty SAND with gravel (SM), no odor, moist, poor recovery.	PID = 0.0 ppm										
	19 100/6	S4 4/12	6.0 7.0		507.2 6.9 506.6 7.5	SM	Medium dense, dark brown, silty SAND with gravel (SM), no odor, moist, weathered rock in spoon tip, auger refusal at 7.5 ft. -FILL- Weathered top-of-bedrock. See Core Boring Report MW-1.	PID = 0.0 ppm										
10																		

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
12/01/06	0840	-	6	7	5+/-

Sample Identification

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (lin. ft.) 7.5
Rock Cored (lin. ft.) 2.0
Samples 4S

Boring No. MW-1

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_T83APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 13, 07

HALEY & ALDRICH

TEST BORING REPORT

Boring No. SB-20

Project Canal Street Former MGP Site, Rochester, New York
Client Rochester Gas & Electric
Contractor GeoLogic NY, Inc.

File No. 33879-007
Sheet No. 1 of 1
Start August 26, 2007
Finish August 27, 2008
Driller S. Breeds
H&A Rep. S. Poff
Elevation
Datum
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	NW	S	NX	Rig Make & Model: Electric Skid Rig
Inside Diameter (in.)	3.0	1 3/8	--	Bit Type: Roller Bit
Hammer Weight (lb)	140	140	-	Drill Mud: None
Hammer Fall (in.)	24	24	-	Casing: Spun/Driven
				Hoist/Hammer: rope cathead, doughnut hammer
				PID Make & Model:

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0						-CONCRETE SLAB-										
	9 27 8	S1 6	0.5 2.0	0.5		Dense brown silty SAND with gravel, no odor, moist, trace brick. PID = 0.0 ppm										
				1.5		Medium dense dark gray-brown silty SAND, light organic odor, moist, trace organic fibers.										
	3 3 3 2	S2 10	2.0 4.0	2.0		PID = 0.0 ppm Similar to above except, loose.										
	1 1 1 17	S3 12	4.0 6.0			Note: Wood encountered during advancement of casing between 4.0 ft. and 5.0 ft., no odor, no sheen. Similar to S2 except, very loose. -FILL-										
5				6.0		PID = 0.0 ppm										
	17 50/2	S4 7	6.0 6.7	6.7		Decomposed beige CONCRETE. (former holder slab) See Core Boring Report CSB-20.										
10																

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft) 6.7
Rock Cored (ft) 3.5
Samples S4

Boring No. SB-20

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1NEW.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\FIELD LOGS\33879-007TBC.GPJ Dec 12, 08

HALEY&ALDRICH

CORE BORING REPORT

Boring No. CSB-20
File No. 33879-007
Sheet No. 1 of 1

Depth (ft)	Drilling Rate (min./ft)	Run No.	Run Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weath-ering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
							6.7	Beige CONCRETE
		C1	7.5 10.2	23 7	71 22		7.5	Hard, slightly weathered to fresh, gray, fine-grained DOLOSTONE, bedding is horizontal, joints are horizontal to low angle, extremely to very close, smooth, undulating, slightly disintegrated to fresh, open. Slightly disintegrated joints have trace light gray silt on surfaces, no stain, no odor. Missing core was not captured by core barrel, attempts made to retrieve the core were unsuccessful. Note: Core exhibited no odor, no stain. -BEDROCK-
10							10.2	Bottom of exploration at 10.2 ft. Note: RQD computed based on length of rock cored.
15								
20								
25								
30								
35								

H+A_CORE+WELL07-1 HA-LIB07-1NEW.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\33879-007.TBC.GPJ Oct 6, 08

HALEY & ALDRICH

TEST BORING REPORT

Boring No. SB-21

Project Canal Street Former MGP Site, Rochester, New York
Client Rochester Gas & Electric
Contractor GeoLogic NY, Inc.

File No. 33879-007
Sheet No. 1 of 1
Start August 28, 2008
Finish August 28, 2008
Driller S. Breeds
H&A Rep. S. Poff
Elevation
Datum
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	NW	S	NX	Rig Make & Model: Electric Skid Rig
Inside Diameter (in.)	3.0	1 3/8	--	Bit Type: Roller Bit
Hammer Weight (lb)	140	140	-	Drill Mud: None
Hammer Fall (in.)	24	24	-	Casing: Spun/Driven
				Hoist/Hammer: rope cathead, doughnut hammer
				PID Make & Model:

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0						-CONCRETE SLAB-										
	35 25 9 8	S1 12	0.5 2.5	0.5		Dense dark brown to black silty SAND with coal, brick, no odor, moist. PID = 11.1 ppm										
	7 5 5 5	S2 10	2.5 4.5			Loose dark brown sandy SILT, slight organic odor, moist, trace coal. PID = 0.2 ppm										
5	5 6 5 5	S3 12	4.5 6.5			Similar to S2 except, medium dense, wet at approximately 5.0 ft. PID = 0.0 ppm										
	8 15 14 16	S4 8	6.5 8.5			Similar to S3 except, dense. -FILL- PID = 0.0 ppm										
	50/1	S5 0	8.5 8.6	8.5 8.6		No recovery. SSR at 8.6 ft. See Core Boring Report CSB-21.										
10						Note: Casing and roller bit advanced to 9.1 ft., very slight indistinguishable odor in recirculating drill water, no sheen, similar residual odor in concrete.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft) 8.6
Rock Cored (ft) 7.5
Samples S5
Boring No. SB-21

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1NEW.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\FIELD LOGS\33879-007TBC.GPJ Dec 12, 08

HALEY&ALDRICH

CORE BORING REPORT

Boring No. CSB-21
File No. 33879-007
Sheet No. 1 of 1

Depth (ft)	Drilling Rate (min./ft)	Run No.	Run Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weathering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
							9.1	-CONCRETE-
		C1	9.1	29	81			Hard, to very hard, slightly weathered to fresh, gray, fine-grained DOLOSTONE, bedding is horizontal, primary joints are horizontal to low angle, extremely close to close, smooth, undulating, slightly disintegrated to fresh, open. Slightly disintegrated joints have trace light gray silt on surfaces, no stain, no sheen, no odor.
10			12.1	11	31		9.5	-BEDROCK-
							12.1	Bottom of exploration at 12.1 ft.
								Note: RQD computed based on length of rock cored.
15								
20								
25								
30								
35								

H+A_CORE+WELL07-1 HA-LIB07-1NEW.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\067 SUPP SITE INVEST\33879-007TBC.GPJ Oct 6, 08

HALEY & ALDRICH

CORE BORING REPORT

DRAFT

Boring No. MW-1
File No. 33879-001
Sheet No. 2 of 2

Depth (ft)	Drilling Rate Min./ft	Run No.	Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weath-ering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
							506.6	
		C1	7.5 9.5	22 0	92 0		7.5	Hard, highly weathered, gray-brown, fine-grained DOLOSTONE, bedding horizontal to low angle, thin to medium thick, joints horizontal to low angle, very close to close, rough to smooth, undulating, discolored to slightly disintegrated, open, based on drill action, the missing core was likely washed out in weathered zones at 7.5 ft. to 7.6 ft. and 9.4 ft. to 9.5 ft.
							504.6	**-BEDROCK-**
10							9.5	Bottom of exploration at 7.5 ft.

H+A_CORE_NO WELL4 USCSLIB4.GLB USCSTB+CORE4.GDT G:\PROJECTS\33879\003 REPORT W DUSRFIELD 1.OGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. MW-2

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 2
Start November 28, 2006
Finish November 28, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 512.8
Datum
Location See Plan
N 1,151,128
E 1,404,296

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	NX	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	4 1/4	1 3/8	2.0	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0					512.6		-TOPSOIL-											
	2 3 4 4	S1 19/24	0.2 2.0		0.2 512.0		Loose, black, COAL particles, 25% slag and clinker-like particles, trace ash, no odor, dry.	PID = 0.0 ppm										
					0.8	SM	Loose, brown, silty SAND (SM), 5% coal particles, trace ash, no odor, dry.			5	10	10	30	40				
	4 4 4 4	S2 18/24	2.0 4.0			SM	Loose, dark, gray-brown, silty SAND (SM), 5% coal and ash particles, slight organic odor, moist.	PID = 0.0 ppm		5	5	10	35	40				
	3 3 3 3	S3 16/24	4.0 6.0			SM	Similar to S2, with 0.3 in. of odor-free wood.	PID = 0.0 ppm										
5																		
	1 2 2 4	S4 21/24	6.0 8.0			SM	Very loose, dark, gray-brown, silty SAND (SM), coal and ash particles, trace coarse gravel and brick, slight organic odor, moist.	PID = 0.0 ppm										
	1 2 2 3	S5 17/24	8.0 10.0			SM	Very loose, dark, gray-brown, silty SAND (SM), coal and ash particles, slight organic odor, moist with trace of odor-free wood at 8.7 ft.	PID = 0.0 ppm										
10																		
	1 2 3 4	S6 16/24	10.0 12.0			SM	Loose, dark gray-brown, silty SAND with gravel (SM), 10% coal particles, trace brick, ash, and organics, slight organic odor, wet at 10.3 ft.	PID = 0.0 ppm		20	10	10	20	30				
	1 1 1 1	S7 6/24	12.0 14.0			SM	Very loose, dark gray-brown, silty SAND with gravel (SM), coal particles, trace brick, ash, and organics, slight organic odor, wet.	PID = 0.0 ppm										
	18 100/6	S8 11/12	14.0 15.0		497.8	SM	Medium dense, dark gray-brown, silty SAND with gravel (SM), coal particles, trace brick, ash, and organics with 2 in. concrete at 14.5 ft. to 14.7 ft., black stain and moderate apparent naphthalene odor from 14.3 ft. to 14.5 ft., wet.	PID = 0.0 ppm										
15					15.0		-FILL-											
							See Core Boring Report MW-2.											
							Note: Split spoon refusal at 15.0 ft.											

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	15.0
Rock Cored (lin. ft.)	2
Samples	8S

Boring No. MW-2

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W'DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

CORE BORING REPORT

DRAFT

Boring No. MW-2
File No. 33879-001
Sheet No. 2 of 2

Depth (ft)	Drilling Rate Min./ft	Run No.	Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weath-ering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
15							497.8	
	1	C1	15.0 17.0	17 0	71 0		15.0	Weathered CONCRETE (mud-mat), no odor, no stain.
	1						496.2	
							16.6 495.8 17.0	Hard, highly to moderately weathered, gray, fine-grained DOLOSTONE, bedding, not apparent, joints horizontal to low angle, very close to close, rough, undulating, discolored, open. -BEDROCK- Bottom of exploration at 17.0 ft.

H+A_CORE_NO WELL4 USCSLIB4.GLB USCSTB+CORE4.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. MW-3

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 2
Start November 27, 2006
Finish November 27, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 513.6
Datum
Location See Plan
N 1,151,091
E 1,404,379

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	NX	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	4 1/4	1 3/8	2.0	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	1 2 1 2	S1 24/24	0.0 2.0		513.5 0.1		-TOPSOIL-											
					512.0 1.6	SM	Very loose, black, COAL particles, (50%), 20% clinker particles 15% brown, silty SAND (SM), 5% ash, musty odor, dry, soil present as a 5 in. thick layer	PID = 3.2 ppm										
	1 3 5 6	S2 12/24	2.0 4.0			SM	Loose, brown, silty SAND (SM), 20% coal particles, trace ash, musty odor, moist.	PID = 0.1 ppm		10	10	10	20	30				
5	1 2 1 2	S3 15/24	4.0 6.0			SM	Very loose, brown, silty SAND (SM), coal particles, trace ash, concrete, and ceramic, musty odor, wet.	PID = 0.0 ppm										
	2 3 6 9	S4 10/24	6.0 8.0		506.0 7.6	GP	Similar to S3, except trace coal, no ash, wet.	PID = 0.0 ppm										
	4 4 5 17	S5 10/24	8.0 10.0			GP	Medium dense, brown, poorly-graded GRAVEL (GP), no odor, dry. Similar to S4, except with slight gray staining, slight naphthalene odor from 9.6 ft. to 10.0 ft., wet.	PID = 35.6 ppm										
10	5 18 ~~100/1~~	S6 5/13	10.0 11.1				Recovered 5.0 in. highly-weathered bedrock fragments, slight naphthalene odor, dry.	PID = NS ppm										
					502.5 11.1		-FILL- See Core Boring Report MW-3. Note: Split spoon refusal at 11.1 ft.											
15																		

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
11/27/06	1400	0.5	13.1	13.1	9+/-

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	11.1
Rock Cored (lin. ft.)	2
Samples	6S
Boring No.	**MW-3**

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W.DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

CORE BORING REPORT

DRAFT

Boring No. MW-3
File No. 33879-001
Sheet No. 2 of 2

Depth (ft)	Drilling Rate Min./ft	Run No.	Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weath-ering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
							502.5	
	2	C1	11.1 13.1	24 0	100 0		11.1	Hard, highly weathered 11.1 ft. to 11.6 ft., moderately weathered 11.6 ft. to 13.1 ft., tan to gray, fine-grained DOLOSTONE, bedding horizontal, planar to undulating, thin, primary joints horizontal to low angle, very close to close, rough, undulating, discolored, open, secondary joints high angle to vertical, moderately spaced, other wise similar to primary joints.
	2						500.5	-BEDROCK-
							13.1	Bottom exploration at 13.1 ft. Note: GW Monitoring Well installed.
15								

H+A_CORE_NO WELL4 USCSLIB4.GLB USCSTB+CORE4.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. MW-4

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 2
Start November 29, 2006
Finish November 29, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation Datum 513.1
Location See Plan
N 1,151,267
E 1,404,304

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	NX	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	4 1/4	1 3/8	2.0	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	1 1 1 1	S1 4/24	0.0 2.0		513.0 0.1	SM	-TOPSOIL- Very loose, dark brown, silty SAND (SM), 10% concrete, 10% clinker and slag, trace organics, no odor, dry.	PID = 0.0 ppm		5	10	20	20	25				
	1 2 1 3	S2 15/24	2.0 4.0			SM	Very loose, brown, silty SAND (SM), with 1 in. layer of tan to green-blue ash at 2.7 ft., 10% coal and clinker/slag particles, no odor, moist.	PID = 0.0 ppm		5	10	20	30	25				
5	1 2 3 5	S3 18/24	4.0 6.0		508.4 4.7	SM SC	Loose, brown, silty SAND (SM), 5% brick, no odor, moist. Loose, brown, clayey SAND (SC), no odor, wet, (perched).	PID = 0.0 ppm		10	10	15	30	30				
	2 2 3 5	S4 12/24	6.0 8.0		507.1 6.0	SM	-FILL- Loose, brown, silty SAND (SM), trace clay and organics, slight organic odor, moist.	PID = 0.0 ppm		10	5	10	40	35				
	2 3 7 8	S5 14/24	8.0 10.0			SM	Similar to S4, no organics, no odor, wet at 9.2 ft. with frequent layers of silty fine sand.	PID = 0.0 ppm										
10	3 7 9 11	S6 15/24	10.0 12.0			SM	Medium dense, brown to yellow-brown, silty SAND with gravel (SM), no odor, wet.	PID = 0.0 ppm	10	15	10	15	25	25				
	28 100/3	S7 7/9	12.0 12.8		500.1 13.0	SM	Very dense, brown to yellow-brown, silty SAND with gravel (SM), no odor, wet. Split-spoon refusal at 12.8 ft., auger refusal at 13.0 ft. -LACUSTRINE- See Core Boring Report MW-4.	PID = 0.0 ppm		15	20	15	20	30				
15																		

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	13.0
Rock Cored (lin. ft.)	2
Samples	7S

Boring No. MW-4

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

CORE BORING REPORT

DRAFT

Boring No. MW-4
File No. 33879-001
Sheet No. 2 of 2

Depth (ft)	Drilling Rate Min./ft	Run No.	Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weathering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
							500.1	
	2	C1	13.0 15.0	24 10	100 42		13.0	Hard, moderately to slightly weathered, gray, fine-grained DOLOSTONE, bedding horizontal to low angle, planar to undulating, thin, primary joints, horizontal to low angle, very close to close, rough, planar to undulating, discolored to slightly disintegrated, open, secondary joints are vertical, moderate spacing, smooth, planar to undulating, discolored to fresh, open.
	2						498.1	**-BEDROCK-**
15							15.0	Bottom of exploration at 15.0 ft.

H+A_CORE_NO WELL4 USCSLIB4.GLB USCSTB+CORE4.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. MW-5

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 2
Start November 30, 2006
Finish November 30, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 514.2
Datum
Location See Plan
N 1,151,167
E 1,404,494

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	NX	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	4 1/4	1 3/8	2.0	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	1 2 3 4	S1 16/24	0.0 2.0			SM	Loose, brown to black, silty SAND (SM), 20% coal, 10% ash, trace clinker, trace clam shells, no odor, dry.	PID = 0.0 ppm		5	10	5	20	30				
	6 7 10 8	S2 3/24	2.0 4.0			SM	Medium dense, brown to black, silty SAND (SM), 20% coal, 10% ash, trace clinker, trace clam shells, no odor, dry, poor recovery. -FILL-	PID = 0.0 ppm										
	1 2 3 3	S3 19/24	4.0 6.0		509.9 4.3	ML	Medium stiff, brown to gray-brown, mottled, sandy SILT (ML), trace clay and gravel, no odor, moist.	PID = 0.0 ppm		5		5	25	65	S	L	L	N
5	2 4 4 4	S4 15/24	6.0 8.0				Similar to S3 below 4.3 ft.											
	1 2 2 4	S5 10/24	8.0 10.0			ML ML	Medium stiff, dark gray to black, sandy SILT (ML), weathered petroleum odor (diesel or fuel oil), moist. Soft, dark gray to black, sandy SILT (ML), weathered petroleum odor (fuel oil), wet at 9.5 ft.	PID = 6.6 ppm PID = 12.9 ppm		5		5	30	60				
10	2 3 5 18	S6 4/24	10.0 12.0		502.3	ML	Medium stiff, dark gray to black, sandy SILT with gravel (ML), weathered petroleum odor (fuel oil), wet, rock in spoon tip. -FILL-	PID = 3.2 ppm										
	12 38 100/6	S7 8/18	12.0 13.5		11.9 501.0 13.2 500.7 13.5	SM	Very dense, gray to brown, silty SAND with gravel (SM), slight weathered petroleum odor, moist, weathered bedrock at 13.2 ft. -GLACIAL TILL- Weathered top-of-bedrock. See Core Boring Report MW-5.	PID = 1.0 ppm	20	15	5	10	25	25				
15																		

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	13.5
Rock Cored (lin. ft.)	2
Samples	7S

Boring No. MW-5

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

CORE BORING REPORT

DRAFT

Boring No. MW-5
File No. 33879-001
Sheet No. 2 of 2

Depth (ft)	Drilling Rate Min./ft	Run No.	Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weath-ering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
								Note: Split-spoon and auger refusal at 13.5 ft.
							500.7	
	2	C1	13.5 15.5	24 0	100 0		13.5	Hard, moderately to slightly weathered, gray, fine-grained DOLOSTONE, bedding horizontal, thin, planar to undulating, primary joints horizontal to low angle, very close to close, smooth to rough, planar to undulating, discolored to slightly disintegrated, secondary joints are vertical, moderate to wide spacing, otherwise similar to primary joints.
15	2						498.7	**-BEDROCK-**
							15.5	Bottom of exploration at 15.5 ft.

H+A_CORE_NO WELL4 USCSLIB4.GLB USCSTB+CORE4.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. MW-6

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 2
Start December 5, 2006
Finish December 5, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation 511.8
Datum
Location See Plan
N 1,150,971
E 1,404,454

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	NX	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	4 1/4	1 3/8	2.0	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	15 14 10 4	S1 11/24	0.0 2.0			SM	Medium dense, brown, silty SAND with gravel (SM), 10% light blue to white lime-like material, 5% coal particles, 5% concrete, no odor, dry, 1 in. of frost, the lime-like material reacts strongly (fizzes) with hydrochloric acid.	PID = 0.0 ppm		15	10	20	20	15				
	2 3 4 5	S2 12/24	2.0 4.0			SM	Loose, dark brown to black, silty SAND with gravel (SM), 30% ash and lime-like material, 5%cinders and coal particles, no odor, moist.	PID = 0.3 ppm	10	10	5	5	15	20				
	2 3 5 6	S3 5/24	4.0 6.0			SM	Loose, dark brown to black, silty SAND with gravel (SM), ash, coal, trace tan concrete, no odor, moist.	PID = 0.0 ppm										
5	5 10 10 6	S4 10/24	6.0 8.0			SM	Medium dense, brown, silty SAND with gravel (SM), trace coal specks, no odor, dry.	PID = 0.2 ppm	25	10	15	10	20	20				
	1 2 4 4	S5 10/24	8.0 10.0		504.0 7.8 502.3	SM OL/ OH	Medium dense, dark gray, silty SAND with gravel (SM), trace coal specks, no odor, wet, organic silt in tip of split-spoon with trace small clam shells. -FILL-	PID = 0.0 ppm					10	90				
10	100/6	S6 1/6	10.0 10.5		9.5 501.6 10.2 501.3 10.5	ML ML	Soft, black, ORGANIC SOIL (OL/OH), trace small clam shells, organic odor, wet. -ORGANIC DEPOSITS- Medium stiff, brown, sandy SILT (ML), no odor, wet. -LACUSTRINE- Medium stiff, brown, sandy SILT (ML), rock fragments in tip of split-spoon, no odor, wet. -WEATHERED BEDROCK- See Core Boring Report MW-6. Note: Split spoon refusal at 10.5 ft., auger to 10.5 ft.						30	70				

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water
12/05/06	1130	-	-	-	7.5+/-

Sample Identification
O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (lin. ft.) 10.5
Rock Cored (lin. ft.) 2
Samples 6S

Boring No. MW-6

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 13, 07

HALEY & ALDRICH

CORE BORING REPORT

DRAFT

Boring No. MW-6
File No. 33879-001
Sheet No. 2 of 2

Depth (ft)	Drilling Rate Min./ft	Run No.	Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weathering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
10							501.3	
	3	C1	10.5	24	100		10.5	Hard, highly to moderately weathered, gray, fine-grained DOLOSTONE with occasional very thin layers of brown siltstone, bedding is horizontal to low angle, very thin to thin, joints are horizontal to low angle, very close to close, smooth to rough, discolored, open.
	3		12.5	0	0			-BEDROCK-
							499.3	
							12.5	Bottom of exploration at 12.5 ft.

H+A_CORE_NO WELL4 USCSLIB4.GLB USCSTB+CORE4.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

DRAFT

Boring No. MW-7

Project CANAL STREET FORMER MGP SITE ROCHESTER, NEW YORK
Client ROCHESTER GAS & ELECTRIC
Contractor NOTHNAGLE DRILLING, INC.

File No. 33879-001
Sheet No. 1 of 2
Start December 4, 2006
Finish December 4, 2006
Driller S. Loranty
H&A Rep. S. Poff
Elevation Datum 514.6
Location See Plan
N 1,151,183
E 1,404,305

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	NX	Rig Make & Model: Truck-mounted CME 85
Inside Diameter (in.)	4 1/4	1 3/8	2.0	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: spun
				Hoist/Hammer: Automatic Hammer

Depth (ft.)	SPT[1]	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0					514.3		-BRICK PAVERS-											
					0.3		-CONCRETE-											
	4 9	S1 6/12	1.0 2.0		513.6 1.0	SM	Medium dense, brown to black, silty SAND (SM), 40% brick particles, trace ash, no odor, dry.	PID = 0.0 ppm		5	10	10	15	20				
	4 7 9 9	S2 15/24	2.0 4.0			SM	Medium dense, brown, silty SAND (SM), coal, brick, ash, no odor, dry.	PID = 0.0 ppm										
5	9 16 12 8	S3 14/24	4.0 6.0			SM	Medium dense, brown, silty SAND with gravel (SM), trace coal particles, no odor, dry.	PID = 0.0 ppm	5	10	10	5	25	45				
	7 4 9 10	S4 12/24	6.0 8.0			SM	Similar to S3, wet at approximately 7.3 ft. wet. -FILL-	PID = 0.0 ppm	10	15	10	10	25	30				
					506.6													
	2 3 4 4	S5 12/24	8.0 10.0		8.0	SM	Loose, yellow-brown to brown, silty SAND with gravel (SM), no odor, wet.	PID = 0.0 ppm										
10	4 7 10 16	S6 8/24	10.0 12.0			SM	Medium dense, yellow-brown to brown, silty SAND with gravel (SM), no odor, wet. -LACUSTRINE-	PID = 0.0 ppm										
					502.6													
	~~100/3~~	~~S7~~ 1/3	~~12.0~~ 12.3		12.0 502.3 12.3		Weathered rock fragments. See Core Boring Report MW-7.											
15																		

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft.) to: Bottom of Casing	Bottom of Hole	Water

Sample Identification	
O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram: Riser Pipe, Screen, Filter Sand, Cuttings, Grout, Concrete, Bentonite Seal

Summary	
Overburden (lin. ft.)	12.3
Rock Cored (lin. ft.)	2
Samples	7S

Boring No. MW-7

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size (mm) is determined by direct observation within the limitations of sampler size (in millimeters).

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB3APID USCSLIB4.GLB USCSTC3A.GDT G:\PROJECTS\33879\003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 13, 07

HALEY & ALDRICH

CORE BORING REPORT

DRAFT

Boring No. MW-7
File No. 33879-001
Sheet No. 2 of 2

Depth (ft)	Drilling Rate Min./ft	Run No.	Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weath-ering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
							502.1	
		C1	12.5 14.5	20 0	83 0		12.5	Hard, moderately weathered, gray, fine-grained DOLOSTONE interbedded with brown SILTSTONE, bedding horizontal to low angle, thin, joints horizontal to low angle, very close to close, smooth to rough, discolored, open, trace black stain on approximately 75% of joint surfaces from 12.8 ft. to 14.3 ft., slight weathered petroleum odor and slight sheen in re-circulated core water.
							500.1	-BEDROCK-
15							14.5	Bottom of exploration at 14.5 ft.

H+A_CORE_NO WELL4 USCSLIB4.GLB USCSTB+CORE4.GDT G:\PROJECTS\33879003 REPORT W DUSR\FIELD LOGS\33879-001TBC.GPJ Apr 12, 07

HALEY & ALDRICH

TEST BORING REPORT

Boring No. MW-8

Project Canal Street Former MGP Site,; Rochester, New York
Client Rochester Gas & Electric
Contractor GeoLogic NY, Inc.

File No. 33879-007
Sheet No. 1 of 2
Start August 29, 2008
Finish August 29, 2008
Driller S. Breeds
H&A Rep. S. Poff
Elevation
Datum
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA/HW	S	HX	Rig Make & Model: Truck with CME 75
Inside Diameter (in.)	.25/.40	1 3/8	2 1/4	Bit Type: Roller Bit
Hammer Weight (lb)	300	140	-	Drill Mud: None
Hammer Fall (in.)	24	30	-	Casing: Spun
				Hoist/Hammer: Cat-Head Automatic Hammer
				PID Make & Model: MiniRAE 2000 10.6 eV lamp

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0						Note: Advance auger to 2.0 ft. ft. to below railroad ties.										
	15 7 4 3	S1 5	2.0 4.0	2.0	SM	Medium dense black to light brown silty SAND (SM) with coal dust and gravel, no odor, dry. PID = 2.5 ppm	10	10	15	25	25	15				
	2 2 2 2	S2 24	4.0 6.0	4.3	OL/ OH	Similar to S1. -FILL- Loose dark brown ORGANIC SOIL/ORGANIC SILT (OL/OH), interbedded with brown to yellow-brown sandy SILT; slight organic odor, moist, poorly-stratified. PID = 3.6 ppm						100	N	N	N	
5	4 7 8 15	S3 11	6.0 8.0	7.0	SM	Medium dense yellow-brown silty SAND (SM), no odor, wet at approximately 7.5 ft.				5	35	60	S	L	N-L	
	29 27 50/0	S4 7	8.0 9.0	8.7		Similar to above, except very dense. -ALLUVIAL DEPOSITS-		5	15	20	30	30				
				9.0	SM	Very dense light brown silty SAND with gravel (SM), no odor, dry, compact. -GLACIAL TILL- Note: Split spoon and auger refusal at 9.0 ft.; switch to HW casing to core bedrock and install monitoring well. See Core Boring Report CMW-8. Sample S2 was submitted to the laboratory for analysis.	20	10	5	10	25	35				
10																

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
08/29/08	1230	0.0	9	9	7.54

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft) 9
Rock Cored (ft) 3
Samples S4

Boring No. MW-8

Field Tests: **Dilatancy:** R - Rapid S - Slow N - None **Plasticity:** N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength** N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\FIELD LOGS\33879-007TBC.GPJ Feb 26, 09

HALEY & ALDRICH

CORE BORING REPORT

Boring No. CMW-8
File No. 33879-007
Sheet No. 2 of 2

Depth (ft)	Drilling Rate (min./ft)	Run No.	Run Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weathering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
10		C1	9.0 12.0	35 8	97 22		9.0	Very hard, slightly weathered to fresh, gray, fine-grained Dolostone, bedding is horizontal, joints are horizontal to low-angle, very close, smooth to rough, undulating, discolored to slightly disintegrated, open, no odor, no sheen; slightly disintegrated joints contain trace light gray to gray-brown silt, no stain, no odor; PID to 6.0 ppm in joints, no odor. -BEDROCK-
							12.0	Bottom of exploration at 12.0 ft.
15								
20								
25								
30								
35								

H:\A_CORE+WELL\07-1 HA-LIB97-INEW.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\33879-007TBC.GPJ Oct 6, 08

HALEY & ALDRICH

TEST BORING REPORT

Boring No. MW-9

Project Canal Street Former MGP Site,; Rochester, New York
Client Rochester Gas & Electric
Contractor GeoLogic NY, Inc.

File No. 33879-007
Sheet No. 1 of 2
Start September 2, 2008
Finish September 2, 2008
Driller S. Breeds
H&A Rep. S. Poff
Elevation Datum
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA/HW	S	--	Rig Make & Model: Truck with CME75
Inside Diameter (in.)	2.25/4.0	1 3/8	--	Bit Type: Roller Bit/Cutting Head
Hammer Weight (lb)	300	140	-	Drill Mud: None
Hammer Fall (in.)	24	30	-	Casing: Spun/Driven
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000 10.6 eV lamp

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				0.3		-CONCRETE-										
	2 3 3	S1 15	0.5 2.0		SM	Loose brown to yellow-brown silty SAND (SM), no odor, moist. PID = 0.0 ppm	5	5	5	10	30	45				
	2 4 5 4	S2 9	2.0 4.0			Similar to S1. -FILL- PID = 0.0 ppm										
	9 17 14 50/4	S3 20	4.0 5.5	4.0	SM	Medium brown to yellow-brown silty SAND with gravel (SM), no odor, wet at 4.5 ft. -GLACIAL TILL-	10	5	10	15	35	25				
5				5.5		See Core Boring Report. Note: GW Monitoring Well Installed. Sample S3 was submitted to the laboratory for analysis.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
09/02/08	1000	0	4	5.5	4.5+/-
09/02/08	1530	5	8.5	8.5	7.2

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft) 5.5
Rock Cored (ft) 3
Samples S3
Boring No. MW-9

Field Tests: Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High V - Very High
Dry Strength N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\FIELD LOGS\33879-007TBC.GPJ Feb 26, 09

HALEY & ALDRICH

CORE BORING REPORT

Boring No. CMW-9
File No. 33879-007
Sheet No. 2 of 2

Depth (ft)	Drilling Rate (min./ft)	Run No.	Run Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weathering	Elev./ Depth (ft)	Visual Description and Remarks
5								
		C1	5.5 8.5	31 13	86 36		5.5	*SEE TEST BORING REPORT FOR OVERBURDEN DETAILS* Very hard, slightly weathered, gray, fine-grained Dolostone, bedding is horizontal, primary joints are horizontal to low-angle, very close to close, rough, undulating, discolored to slightly disintegrated, open, secondary joints are moderately dipping to high-angle, widely spaced, otherwise similar to primary joints; disintegrated joints may contain 1 in. +/- of silt (indicated by drill action during coring).. -BEDROCK-
							8.5	Bottom of exploration at 8.5 Note: GW Monitoring Well installed.
10								
15								
20								
25								
30								

H:\A_CORE+WELL07-1 H:\-LIB07-1NEW.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\307 SUPP SITE INVEST\33879-007TBC.GPJ Oct 6, 08

HALEY & ALDRICH

TEST BORING REPORT

Boring No. MW-10

Project Canal Street Former MGP Site, Rochester, New York
Client Rochester Gas & Electric
Contractor Nothnagle Drill Inc.

File No. 33879-007
Sheet No. 1 of 2
Start September 22, 2009
Finish August 22, 2009
Driller S. Loranty
H&A Rep. G. White
Elevation
Datum
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	S	--	Rig Make & Model: CME-85 Truck Mount
Inside Diameter (in.)	4 1/4	1 3/8	--	Bit Type:
Hammer Weight (lb)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	1 2 3 3	S1 10	0.0 2.0	0.5		Concrete Side Walk										
					SM	Loose black-brown silty SAND with gravel (SM), some coal dust, no odor, moist PID = 0.0 ppm										
	4 3 1 1	S2 9	2.0 4.0	2.0	SM	Very loose yellow-brown silty SAND (SM), no odor, moist PID = 0.0 ppm										
5	1 3 4 9	S3 16	4.0 6.0	5.0	GP	Loose black poorly-graded GRAVEL with sand (GP), no odor, moist PID = 0.0 ppm										
	15 15 15 20	S4 23	6.0 8.0	5.5	SM	Dense yellow-brown silty SAND (SM), no odor, moist PID = 0.0 ppm										
	15 9 12 26	S5 24	8.0 10.0	8.5		Similar as above, except black discoloration -FILL- PID = 0.0 ppm										
10				10.0		Noted-Split spoon refusal at 10.0 ft, switched to HW casing to core bedrock and install Monitoring Well PID = 7.1 ppm See Core Boring Report CMW-10										

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft) 10
Rock Cored (ft) 4
Samples S5

Boring No. MW-10

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1NEW.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\FIELD LOGS\33879-007TBC.GPJ Nov 10, 09

HALEY & ALDRICH

CORE BORING REPORT

Boring No. CMW-10
File No. 33879-007
Sheet No. 2 of 2

Depth (ft)	Drilling Rate (min./ft)	Run No.	Run Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weathering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
10	3	C1	10.0 12.0	20 19	83 79	Slight		Very hard, slightly weathered light gray and medium gray, bannded, fine grained DOLOSTONE, bedding is horizontal, joints are horizontal to low angle, very close to close, rough, slightly discolored. Open vugs from 10.0 ft to 10.7 ft.
	3							-BEDROCK-
	3	C2	12.0 14.0	24 23	100 96	Slight		Noted: Slightly weathed, slightly discolored vertical fracture form 13.3 ft to 14.0 ft.
	3							
							14.0	Bottom of exploration at 14.0 ft
15								Notes: Driller noted suspected void or soil layer from 11.6 ft to 11.9 ft (indicated by drill action during coring. Noted 20 gallons water lost during wash following core run R2 (12.0 ft to 14.0 ft). Recovered quantiy of water lost during coring (20 gallons).
20								
25								
30								
35								

H+A_CORE+WELL07-1 HA-LIB07-1NEW.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\FIELD LOGS\33879-007TBC.GPJ Nov 10, 09

HALEY ALDRICH

GEOPROBE REPORT

Boring No. MW-4R

Project	TROWBRIDGE - FORMER MGP, ROCHESTER, NY
Client	WM. B MORSE LUMBER CO.
Contractor	SESSLER ENVIRONMENTAL SERVICES

File No. 0200336-003
Sheet No. 1 of 1
Start 15 August 2024
Finish 15 August 2024
Driller F. C
H&A Rep. K. Bartlett
Elevation
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	2.25	PP		Rig Make & Model: GEOPROBE 6011DT
Inside Diameter (in.)		1.5		Bit Type: Geoprobe Spoon
Hammer Weight (lb)		AUTO	-	Drill Mud: None
Hammer Fall (in.)		-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	USCS Symbol	Stratum Change Elev/Depth (ft)	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	PUSH	G1	0.0 5.0	0.0	SM		Loose brown with black silty SAND (SM), no odor, dry, 5% coarse gravel, 15% coal, slag, ash, 5% brick	0	5	15	25	30	25				
5	PUSH	G2	5.0 10.0	0.0	SC	5.0	Loose brown clayey SAND (SC), no odor, moist, trace ash. - URBAN FILL -	0	15	10	15	35	25				
					SM		Medium dense brown to yellow-brown silty SAND with gravel (SM), no odor, moist to wet, trace organics	10	15	10	10	30	25				
10	PUSH	G3	10.0 13.5	0.0	SM	10.0	Very dense brown to yellow-brown silty SAND (SM), no odor, wet, trace organics - LACUSTRINE DEPOSITS -		15	20	10	25	30				
						13.0	Medium to moderately hard, slightly weathered, light gray, gray, fine grained, DOLOMITE LIMESTONE										
						13.5	BOTTOM OF EXPLORATION 13.5 FT										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
8/15/2024	09:40	1.50	3.40	3.5	DRY

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft) 13.5
Rock Cored (ft) 0
Samples G3

Boring No. MW-4R

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

†**Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/ PID PLOG-HA-LIB09-BOS STANDARD ONLY-MARCH 2024.GLB H&A PLOG.GDT \\HALEYALDRICH.COM\SHARE\CF\PROJECTS\0200336\GINT\0200336-TB.GPJ 23 Dec 24

DRAFT

HALEY & ALDRICH

OBSERVATION WELL INSTALLATION REPORT

Well No. MW-1

Boring No. MW-1

PROJECT	Canal Street Former MGP Site,	H&A FILE NO.	33879-001
LOCATION	Rochester, New York	PROJECT MGR.	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	FIELD REP.	S. Poff
CONTRACTOR	Nothnagle Drilling	DATE INSTALLED	12/1/2006
DRILLER	S. Loranty	WATER LEVEL	

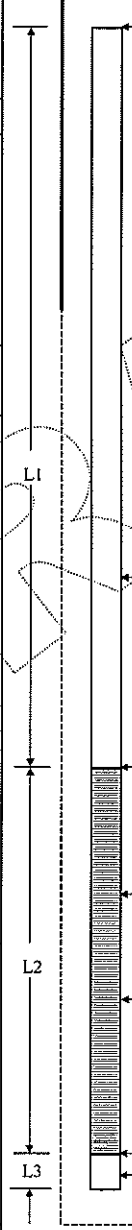
Ground El. 514.1 ft | Location SEE PLAN | ☐ Guard Pipe | ☑ Roadway Box

El. Datum

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE
	1.0
	PIPE & SAND
FILL	1.2
	PIPE & SEAL
	2.0
	PIPE & SAND
	2.5
	SCREEN & SAND
7.0	
WEATHERED BEDROCK	
7.5	7.5
BEDROCK	SUMP & BENTONITE
9.5	9.5

(Bottom of Exploration)

(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock: Expansion Plug

Height/Depth of top of guard pipe/roadway box above ground surface: 0.0 ft

Height of top of riser pipe below ground surface: ft

Type of protective casing: Roadway Box

Length: ft

Inside Diameter: in

Depth of bottom of guard roadway box: 0.8 ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	0.0	1.0
Bentonite Seal	1.2	0.8

Type of riser pipe: Schedule 40 PVC

Inside diameter of riser pipe: 2.0 in

Type of backfill around riser: Seals (see above)

Diameter of borehole: 4.0 in

Depth to top of well screen: 2.5 ft

Type of screen: Schedule 40 PVC

Screen gauge or size of openings: 0.010 in

Diameter of screen: 2.0 in

Type of backfill around screen: #1 Filter Sand

Depth of bottom of well screen: 7.5 ft

Bottom of Silt trap: 9.5 ft

Depth of bottom of borehole: 9.5 ft

2.5 ft	+	5 ft	+	2 ft	=	9.5 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS:

DRAFT

Form # 3010

DRAFT

HALEY & ALDRICH

OBSERVATION WELL INSTALLATION REPORT

Well No. MW-2
Boring No. MW-2

PROJECT	Canal Street Former MGP Site,	H&A FILE NO.	33879-001
LOCATION	Rochester, New York	PROJECT MGR.	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	FIELD REP.	S. Poff
CONTRACTOR	Nothnagle Drilling	DATE INSTALLED	11/28/2006
DRILLER	S. Loranty	WATER LEVEL	10.3 ft. b.g.s.

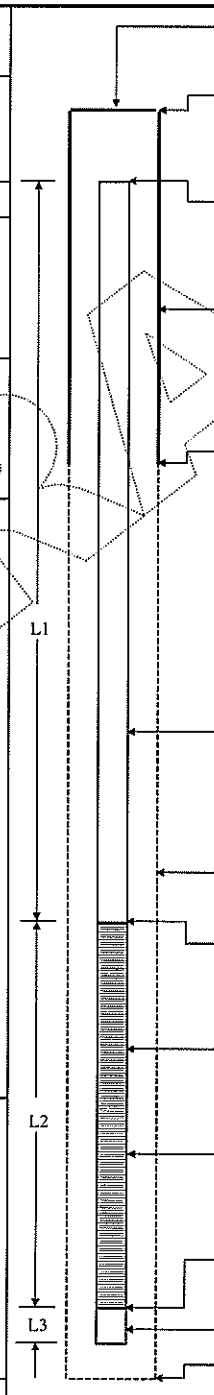
Ground El. 512.8 ft
El. Datum

Location SEE PLAN

☐ Guard Pipe
☑ Roadway Box

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE 1.5
	PIPE & SAND 2.0
FILL	PIPE & SEAL 3.5
	PIPE & SAND 5.0
	SCREEN & SAND
15 BEDROCK	15 BENTONITE
17 (Bottom of Exploration)	17

(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock: Expansion Plug

Height/Depth of top of guard pipe/roadway box above ground surface: ft

Height of top of riser pipe below ground surface: 0.26 ft

Type of protective casing: Roadway Box
Length: ft
Inside Diameter: in

Depth of bottom of guard roadway box: ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	+.	2.0
Bentonite Seal	2.0	1.5

Type of riser pipe: Schedule 40 PVC
Inside diameter of riser pipe: 2.0 in
Type of backfill around riser: Seals (see above)

Diameter of borehole: 4.0 in

Depth to top of well screen: 5.0 ft

Type of screen: Schedule 40 PVC
Screen gauge or size of openings: 0.010 in
Diameter of screen: 2.0 in
Type of backfill around screen: #1 Filter Sand

Depth of bottom of well screen: 15.0 ft

Bottom of Silt trap/sump: 17.0 ft

Depth of bottom of borehole: 17.0 ft

5 ft (Riser Pay Length (L1)) + 10 ft (Length of screen (L2)) + 2 ft (Length of silt trap (L3)) = 17 ft (Pay length)

COMMENTS:

Form # 3010

DRAFT

HALEY & ALDRICH

OBSERVATION WELL INSTALLATION REPORT

Well No. MW-3

Boring No. MW-3

PROJECT	Canal Street Former MGP Site,	H&A FILE NO.	33879-001
LOCATION	Rochester, New York	PROJECT MGR.	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	FIELD REP.	S. Poff
CONTRACTOR	Nothnagle Drilling	DATE INSTALLED	11/27/2006
DRILLER	S. Loranty	WATER LEVEL	8.7 ft. b.g.s.

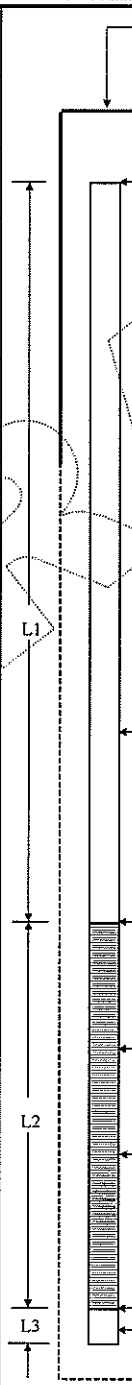
Ground El. 513.6 ft
El. Datum

Location SEE PLAN

☑ Guard Pipe
☐ Roadway Box

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE 0.8
	PIPE & CUTTINGS/SAND 1.0
	PIPE & SEAL 2.5
	PIPE & SAND 3.0
FILL	SCREEN & SAND
11.1 BEDROCK	11.1 BENTONITE
13.1	13.1

(Bottom of Exploration)
(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock: Expansion Plug

Height of top of guard pipe above ground surface: 3.15 ft

Depth of top of riser pipe below ground surface: 3.15 ft

Type of protective casing: Guard Pipe
- Length: 4 ft
- Inside Diameter: 6 in

Depth of bottom of guard roadway box: 1.0 ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	+0.25	1.05
Bentonite Seal	1.0	1.5

Type of riser pipe: Schedule 40 PVC
- Inside diameter of riser pipe: 2.0 in
- Type of backfill around riser: Seals (see above)

Diameter of borehole: 4.0 in

Depth to top of well screen: 3.0 ft

Type of screen: Schedule 40 PVC
- Screen gauge or size of openings: 0.010 in
- Diameter of screen: 2.0 in

Type of backfill around screen: #1 Filter Sand

Depth of bottom of well screen: 11.1 ft

Bottom of Silt trap/sump: 13.1 ft

Depth of bottom of borehole: 13.1 ft

3 ft (Riser Pay Length (L1)) + 8.1 ft (Length of screen (L2)) + 2 ft (Length of silt trap (L3)) = 13.1 ft (Pay length)

COMMENTS:

Form # 3010

DRAFT

HALEY & ALDRICH

OBSERVATION WELL INSTALLATION REPORT

Well No. MW-4

Boring No. MW-4

PROJECT	Canal Street Former MGP Site,	H&A FILE NO.	33879-001
LOCATION	Rochester, New York	PROJECT MGR.	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	FIELD REP.	S. Poff
CONTRACTOR	Nothnagle Drilling	DATE INSTALLED	11/29/2006
DRILLER	S. Loranty	WATER LEVEL	

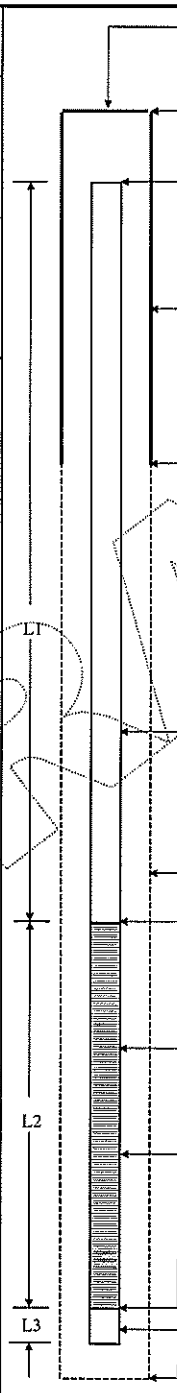
Ground El. 513.1 ft | Location SEE PLAN | ☑ Guard Pipe ☐ Roadway Box

El. Datum

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE
2.0	
RILL	PIPE & SEAL
3.5	
	PIPE & SAND
4.0	
6.0	SCREEN & SAND
LACUSTRINE	
13.0	13.0
BEDROCK	BENTONITE
15.0	15.0

(Bottom of Exploration)

(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock: Expansion Plug

Height of top of guard pipe above ground surface: ft

Depth of top of riser pipe below ground surface: ft

Type of protective casing:

Length: ft

Inside Diameter: in

Depth of bottom of guard roadway box: ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	+	
Bentonite Seal	2.0	1.5

Type of riser pipe: Schedule 40 PVC

Inside diameter of riser pipe: 2.0 in

Type of backfill around riser:

Diameter of borehole: 4.0 in

Depth to top of well screen: 4.0 ft

Type of screen: Schedule 40 PVC

Screen gauge or size of openings: 0.010 in

Diameter of screen: 2.0 in

Type of backfill around screen: #1 Filter Sand

Depth of bottom of well screen: 13.0 ft

Bottom of Silt trap/sump: 15.0 ft

Depth of bottom of borehole: 15.0 ft

4 ft	+	9 ft	+	2 ft	=	15 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS:

DRAFT

Form # 3010

DRAFT

HALEY & ALDRICH

OBSERVATION WELL INSTALLATION REPORT

Well No. MW-5

Boring No. MW-5

PROJECT	Canal Street Former MGP Site,	H&A FILE NO.	33879-001
LOCATION	Rochester, New York	PROJECT MGR.	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	FIELD REP.	S. Poff
CONTRACTOR	Nothnagle Drilling	DATE INSTALLED	11/30/2006
DRILLER	S. Loranty	WATER LEVEL	

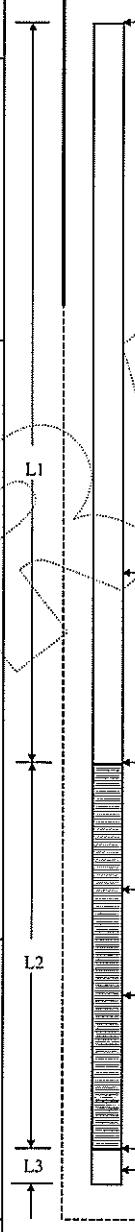
Ground El. 514.2 ft | Location SEE PLAN | ☑ Guard Pipe | ☐ Roadway Box

El. Datum

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE
	2.0
	PIPE & SEAL
FILL	4.5
	SCREEN & SAND
11.9	
GLACIAL TILL	
13.2	
WEATHERED ROCK	
13.5	13.5
BEDROCK	BENTONITE
15.5	15.5

(Bottom of Exploration)

(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock: Expansion Plug

Height of top of guard pipe above ground surface: ft

Depth of top of riser pipe below ground surface: ft

Type of protective casing: Flush-Mount

Length: ft

Inside Diameter: in

Depth of bottom of guard roadway box: ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	+	
Bentonite Seal	2.0	2.5

Type of riser pipe: Schedule 40 PVC

Inside diameter of riser pipe: 2.0 in

Type of backfill around riser: Sand & Seal (s)

Diameter of borehole: 6.0 in

Depth to top of well screen: 4.5 ft

Type of screen: Schedule 40 PVC

Screen gauge or size of openings: 0.010 in

Diameter of screen: 2.0 in

Type of backfill around screen: #1 Filter Sand

Depth of bottom of well screen: 13.5 ft

Bottom of Silt trap/sump: 15.5 ft

Depth of bottom of borehole: 15.5 ft

DRAFT

4.5 ft	+	9 ft	+	2 ft	=	15.5 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS:

DRAFT

HALEY & ALDRICH

OBSERVATION WELL INSTALLATION REPORT

Well No. MW-6

Boring No. MW-6

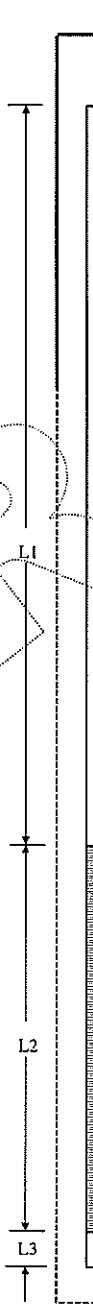
PROJECT	Canal Street Former MGP Site,	H&A FILE NO.	33879-001
LOCATION	Rochester, New York	PROJECT MGR.	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	FIELD REP.	S. Poff
CONTRACTOR	Nothnagle Drilling	DATE INSTALLED	12/5/2006
DRILLER	S. Loranty	WATER LEVEL	

Ground El. 511.8 ft | Location SEE PLAN | ☐ Guard Pipe ☐ Roadway Box

El. Datum

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE
2.0	
	PIPE & SEAL
3.5	
	PIPE & SAND
4.5	
FILL	
	SCREEN & SAND
7.8	
ORGANIC DEPOSIT	
10.2	
WEATHERED ROCK	
10.5	10.5
BEDROCK	BENTONITE
12.5	12.5

(Bottom of Exploration)
(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock: _____

Height of top of guard pipe above ground surface: _____ ft

Depth of top of riser pipe below ground surface: _____ ft

Type of protective casing: _____

Length: _____ ft

Inside Diameter: _____ in

Depth of bottom of guard roadway box: _____ ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	0	2
Bentonite Seal	2.0	1.5

Type of riser pipe: Schedule 40 PVC

Inside diameter of riser pipe: 2.0 in

Type of backfill around riser: Sand & Seal (s)

Diameter of borehole: 6.0 in

Depth to top of well screen: 4.5 ft

Type of screen: Schedule 40 PVC

Screen gauge or size of openings: 0.010 in

Diameter of screen: 2.0 in

Type of backfill around screen: #1 Filter Sand

Depth of bottom of well screen: 10.5 ft

Bottom of Silt trap/sump: 12.5 ft

Depth of bottom of borehole: 12.5 ft

4.5 ft	+	6 ft	+	2 ft	=	12.5 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS:

Form # 3010

DRAFT

HALEY & ALDRICH

OBSERVATION WELL INSTALLATION REPORT

Well No. MW-7

Boring No. MW-7

PROJECT	Canal Street Former MGP Site,	H&A FILE NO.	33879-001
LOCATION	Rochester, New York	PROJECT MGR.	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	FIELD REP.	S. Poff
CONTRACTOR	Nothnagle Drilling	DATE INSTALLED	12/4/2006
DRILLER	S. Loranty	WATER LEVEL	

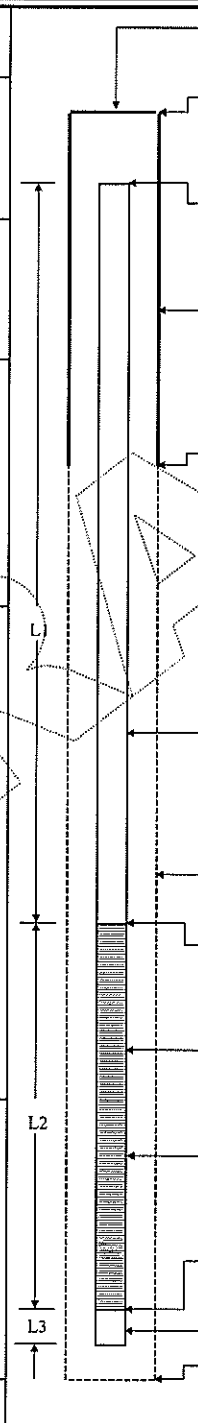
Ground El. 514.6 ft | Location SEE PLAN | ☐ Guard Pipe ☐ Roadway Box

El. Datum

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE
1.0	
	PIPE & SEAL
3.0	
	PIPE & SAND
FILL	
7.0	SCREEN & SAND
12.0	
WEATHERED ROCK	
12.3	
	12.5
BEDROCK	BENTONITE
14.5	14.5

(Bottom of Exploration)

(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock: _____

Height of top of guard pipe above ground surface: _____ ft

Depth of top of riser pipe below ground surface: _____ ft

Type of protective casing: _____

Length: _____ ft

Inside Diameter: _____ in

Depth of bottom of guard roadway box: _____ ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	0	1

Type of riser pipe: Schedule 40 PVC

Inside diameter of riser pipe: 2.0 in

Type of backfill around riser: Sand & Seal (s)

Diameter of borehole: 6.0 in

Depth to top of well screen: 7 ft

Type of screen: Schedule 40 PVC

Screen gauge or size of openings: 0.010 in

Diameter of screen: 2.0 in

Type of backfill around screen: #1 Filter Sand

Depth of bottom of well screen: 12.5 ft

Bottom of Silt trap/sump: 14.5 ft

Depth of bottom of borehole: 14.5 ft

7 ft	+	5.5 ft	+	2 ft	=	14.5 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS:

DRAFT

Form # 3010

OBSERVATION WELL INSTALLATION REPORT

HALEY & ALDRICH

Well No. MW-8

Boring No. MW-8

PROJECT	Canal Street Former MGP Site	**H&A FILE NO.**	32077-007
LOCATION	Rochester, NY	**PROJECT MGR.**	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	**FIELD REP.**	S. Poff
CONTRACTOR	GeoLogic NY, Inc.	**DATE INSTALLED**	8/29/2008
DRILLER	S. Breeds	**WATER LEVEL**	7.2 ft

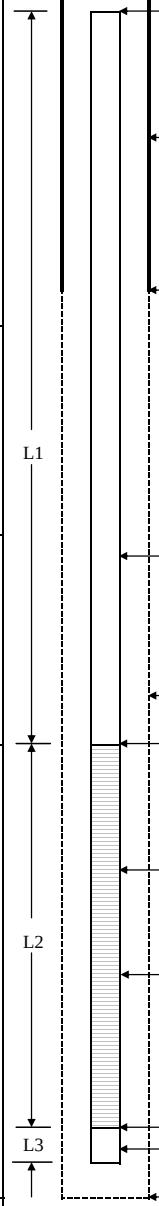
Ground El. 512.69 ft
El. Datum

Location See Site Plan

☐ **Guard Pipe**
☑ **Roadway Box**

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
0.0-4.3 Fill	Pipe + Concrete 0.0-1.0
	Pipe + Seal 1.0-2.0
	Pipe + Sand 2.0-3.0
4.3-8.7 Alluvial Deposits	Screen + sand 3.0-12.0
8.7-9.0 Glacial Till	
9.0-12.0 Bedrock	
12 (Bottom of Exploration)	12

(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock: Roadway Box / Expansion Plug

Depth of top of roadway box above/below ground surface: 0.0 ft

Depth of top of riser pipe below ground surface: 0.3 ft

Type of protective casing: Roadway Box

Length: 0.8 ft

Inside Diameter: 6.000 in

Depth of bottom of guard pipe/roadway box: 0.8 ft

	Type of Seals	Top of Seal (ft)	Thickness (ft)
(Pipe + Concrete)	Concrete	0.0	1.0
Pipe + Seal)	Bentonite Seal	1.0	1.0

Type of riser pipe: Schedule 40 PVC

Inside diameter of riser pipe: 2.0 in

Type of backfill around riser: Filter sand + seals

Diameter of borehole: 4.0 in

Depth to top of well screen: 3.0 ft

Type of screen: Schedule 40 PVC

Screen gauge or size of openings: 0.010 in

Diameter of screen: 2.0 in

Type of backfill around screen: Filter Sand

Depth of bottom of well screen: 12.0 ft

Bottom of Silt trap (Flush slip-cap on bottom): N/A ft

Depth of bottom of borehole: 12.0 ft

Riser Pay Length (L1)	+	Length of screen (L2)	+	Length of silt trap (L3)	=	Pay length
2.67 ft		9 ft		N/A ft		11.67 ft

COMMENTS:

OBSERVATION WELL INSTALLATION REPORT

HALEY & ALDRICH

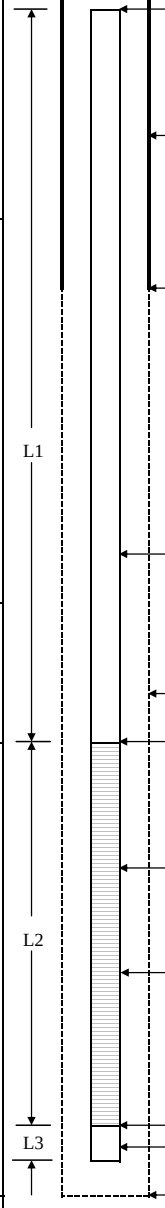
Well No. MW-9
Boring No. MW-9

PROJECT	Canal Street Former MGP Site	**H&A FILE NO.**	33879-007
LOCATION	Rochester, NY	**PROJECT MGR.**	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	**FIELD REP.**	S. Poff
CONTRACTOR	GeoLogic NY, Inc.	**DATE INSTALLED**	9/2/2008
DRILLER	S. Breeds	**WATER LEVEL**	Approx. 4.5-7.2 ft

Ground El. 513.53 ft
El. Datum
Location See Site Plan
☐ **Guard Pipe**
☑ **Roadway Box**

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
0.0-0.3 Concrete	Pipe + Concrete 0.0-0.5
0.3-4.0 Fill	Pipe + Seal 0.5-1.5
	Pipe + Sand 1.5-2.0
4.0-5.5 Glacial Till	Screen + Sand 2.0-8.5
5.5-8.5 Bedrock	
8.5 (Bottom of Exploration)	**8.5**

(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock	Roadway Box / Expansion Plug
Depth of top of roadway box above/below ground surface	0.0 ft
Depth of top of riser pipe below ground surface	0.35 ft
Type of protective casing:	Roadway Box
Length	0.8 ft
Inside Diameter	6.000 in
Depth of bottom of guard pipe/roadway box	0.8 ft

	Type of Seals	**Top of Seal (ft)**	**Thickness (ft)**
(Pipe + Concrete)	Concrete	0.0	0.5
(Pipe + Seal)	Bentonite Seal	0.5	1.0

Type of riser pipe:	Schedule 40 PVC
Inside diameter of riser pipe	2.0 in
Type of backfill around riser	Filter sand + seals
Diameter of borehole	4.0 in
Depth to top of well screen	2.0 ft
Type of screen	Schedule 40 PVC
Screen gauge or size of openings	0.010 in
Diameter of screen	2.0 in
Type of backfill around screen	Filter sand
Depth of bottom of well screen	8.5 ft
Bottom of Silt trap (Flush slip-cap at bottom)	N/A ft
Depth of bottom of borehole	8.5 ft

2.65 ft	+	6.5 ft	+	N/A ft	=	9.15 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS:

Form 2007

OBSERVATION WELL INSTALLATION REPORT

HALEY & ALDRICH

Well No.	Boring No.
MW-10	MW-10

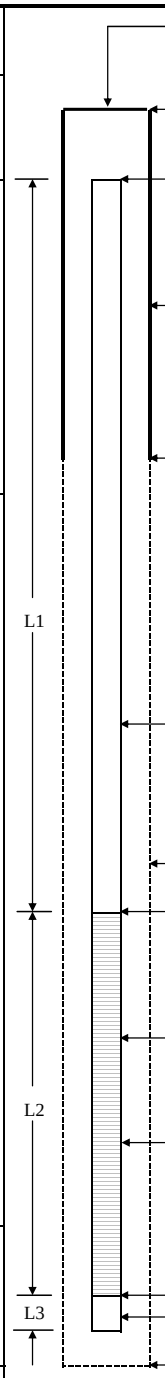
PROJECT	Canal Street Former MGP Site	**H&A FILE NO.**	33879-007
LOCATION	Rochester, NY	**PROJECT MGR.**	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	**FIELD REP.**	G. White
CONTRACTOR	GeoLogic NY, Inc.	**DATE INSTALLED**	9/22/2009
DRILLER	S. Loranty	**WATER LEVEL**	

Ground El. _____ ft **Location** See Site Plan ☐ **Guard Pipe**

El. Datum _____ ☐ **Roadway Box**

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	CONCRETE
1.0	
	BENTONITE CHIPS
6.0	
	QUARTZ SAND
	12.0
-BEDROCK-	BENTONITE
	14
(Bottom of Exploration)	

(Numbers refer to depth from ground surface in feet)



Type of protective cover/lock Steel/Pad Lcok

Depth of top of roadway box above ground surface 0.0 ft

Depth of top of riser pipe below ground surface 0.20 ft

Type of protective casing: Roadway Box

Length 1.0 ft

Inside Diameter 8.000 in

Depth of bottom of guard pipe/roadway box 1.0 ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
(Pipe + Concrete) Concrete	0.0	1.0
(Pipe + Seal) Bentonite Seal	1.0	5.0

Type of riser pipe: PVC

Inside diameter of riser pipe 2.0 in

Type of backfill around riser See Diagram

Diameter of borehole 8.0 in

Depth to top of well screen 8.0 ft

Type of screen Slotted Pvc

Screen gauge or size of openings 0.010 in

Diameter of screen 2.0 in

Type of backfill around screen Quartz Sand

Depth of bottom of well screen 12.0 ft

Bottom of Silt trap (Flush slip-cap at bottom) 14.0 ft

Depth of bottom of borehole 14.0 ft

(Not to Scale)

ft	+	ft	+	ft	=	ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS: SEE APPENDED OBSERVATION WELL INSTALLATION REPORT DETAILS (B)

Form 2007

OBSERVATION WELL INSTALLATION REPORT

HALEY ALDRICH

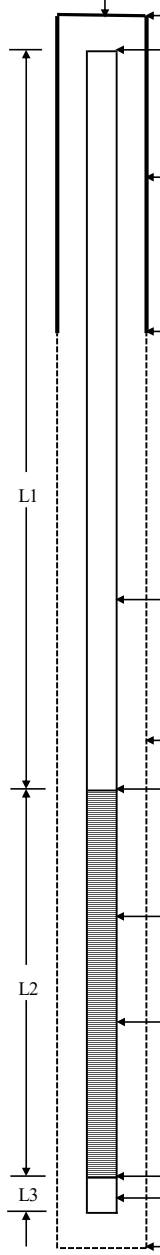
Well No.	Boring No.
MW-4R	MW-4R

PROJECT	65 Trowbridge St - BCP Site	**H&A FILE NO.**	0200336-002
LOCATION	Rpchester, New York	**PROJECT MGR.**	J. Szucs
CLIENT	Wm. B Morse Lumber Co	**FIELD REP.**	K. Bartlett
CONTRACTOR	Sessler Environmental Services	**DATE INSTALLED**	8/15/2024
DRILLER		**WATER LEVEL**	DRY

Ground El. _____ ft **Location** SEE PLAN ☐ **Guard Pipe**
El. Datum _____ ☑ **Roadway Box**

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE
	0.5
	PIPE & SEAL
FILL	1.0
	PIPE & SAND
	1.5
5.0	
	SCREEN & SAND
LACUSTRINE	
13.0	13.0
BEDROCK	FILTER SAND
13.4	**13.4**

(Bottom of Exploration)
(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock (circle one): Pent.bolt 9/16" hex. 1/2" hex. 7/10" hex.
Padlock key no._____

Height/Depth of top of guard pipe/roadway box above/below ground surface _____ ft

Height/Depth of top of riser pipe above/below ground surface _____ ft

Type of protective casing: _____
Length _____ ft
Inside Diameter _____ in

Depth of bottom of guard pipe/roadway box _____ ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	0.0	0.5
Bentonite Seal	0.5	1.5
Sand	1.5	11.4

Type of riser pipe: Schedule 40 PVC
Inside diameter of riser pipe 2.0 in
Type of backfill around riser _____

Diameter of borehole 3.0 in

Depth to top of well screen 4.5 ft

Type of screen Scheduled 40 PVC
Screen gauge or size of openings 0.0 in
Diameter of screen 2.0 in
Type of backfill around screen #1 Filter Sand

Depth of bottom of well screen 13.0 ft

Bottom of Silt trap 13.4 ft

Depth of bottom of borehole 13.4 ft

3.5 ft	+	9.5 ft	+	0.4 ft	=	13.4 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS: _____

Form 2007

APPENDIX B
Regulatory Correspondence

Bartlett, Kim

From: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Sent: Friday, May 24, 2024 2:49 PM
To: Szucs, Janice
Cc: wallym@morselbr.com; White, Glenn; Bartlett, Kim; Eric Hoban; Frank Thomas; Pratt, David (DEC); Morgan, Adam T (DEC)
Subject: RE: Morse Lumber / 65 Trowbridge St BCP, NYSDEC Site No. C828217 - Request to Import Aggregate

CAUTION: External Email

Janice,

These materials are approved.

Groundbreaking work is set to begin Tuesday, correct? What will be the typical working hours and how many weeks do you anticipate will be required for the fieldwork to be completed?

Cheers,
Josh.
--

Joshuah J. Klier (Josh), G.I.T., M.S. *(he/him/his)*
Assistant Geologist | Project Manager
Division of Environmental Remediation – Region 8
New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY, 14414
P: (585) 226-5357 | F: (585) 226-8139 | joshuah.klier@dec.ny.gov

CONFIDENTIALITY NOTICE – This e-mail (including any attachments) may contain information which is privileged, confidential or otherwise exempt from disclosure under applicable law. This e-mail is intended only for the recipient(s) named in the message header. If you are not the intended recipient of this e-mail, please notify the sender immediately and delete this e-mail, all copies in your e-mail system, and destroy any printed copies. Any disclosure, reproduction, distribution or other use of this message or any attachments by an individual or entity other than the intended recipient(s) without prior authorization from the original sender is strictly prohibited.

From: Szucs, Janice <JSzucs@haleyaldrich.com>
Sent: Tuesday, May 21, 2024 4:28 PM
To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Cc: wallym@morselbr.com; White, Glenn <GWhite@haleyaldrich.com>; Bartlett, Kim <KBartlett@haleyaldrich.com>; Eric Hoban <ehoban@sesslerenv.com>; Frank Thomas <FThomas@sesslerenv.com>
Subject: Morse Lumber / 65 Trowbridge St BCP, NYSDEC Site No. C828217 - Request to Import Aggregate

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Josh,

Please see attached requests for approval to import aggregate for the 65 Trowbridge Street Site.

Please let me know if you have any questions or need additional information.

Thanks,

Janice Szucs, P.E.
Associate | Senior Project Manager
Senior Technical Specialist - Environmental Engineering
Licensed P.E. in NY

Haley & Aldrich
200 Town Centre Drive | Suite 2
Rochester, NY 14623

T: (585) 321.4211
C: (585) 315.4761

www.haleyaldrich.com

Bartlett, Kim

From: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Sent: Friday, June 14, 2024 11:04 AM
To: Szucs, Janice
Cc: wallym@morselbr.com; White, Glenn; Bartlett, Kim; Eric Hoban; Pratt, David (DEC); Morgan, Adam T (DEC)
Subject: RE: Morse Lumber, 65 Trowbridge Street Site, C828217 - Request to import topsoil

CAUTION: External Email

Hi Janice,

Sorry I missed your follow up. The materials are approved.

Cheers,
Josh.
--

Joshuah J. Klier (Josh), G.I.T., M.S. *(he/him/his)*
Assistant Geologist | Project Manager
Division of Environmental Remediation – Region 8
New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY, 14414
P: (585) 226-5357 | F: (585) 226-8139 | joshuah.klier@dec.ny.gov



CONFIDENTIALITY NOTICE – This e-mail (including any attachments) may contain information which is privileged, confidential or otherwise exempt from disclosure under applicable law. This e-mail is intended only for the recipient(s) named in the message header. If you are not the intended recipient of this e-mail, please notify the sender immediately and delete this e-mail, all copies in your e-mail system, and destroy any printed copies. Any disclosure, reproduction, distribution or other use of this message or any attachments by an individual or entity other than the intended recipient(s) without prior authorization from the original sender is strictly prohibited.

From: Szucs, Janice <JSzucs@haleyaldrich.com>
Sent: Friday, June 14, 2024 10:57 AM
To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Cc: wallym@morselbr.com; White, Glenn <GWhite@haleyaldrich.com>; Bartlett, Kim <KBartlett@haleyaldrich.com>; Eric Hoban <ehoban@sesslerenv.com>; Pratt, David (DEC) <david.pratt@dec.ny.gov>; Morgan, Adam T (DEC) <Adam.Morgan@dec.ny.gov>
Subject: RE: Morse Lumber, 65 Trowbridge Street Site, C828217 - Request to import topsoil

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Josh,

Just checking on the status of this request.

Thanks,

Janice Szucs, P.E.
Associate | Senior Project Manager
Senior Technical Specialist - Environmental Engineering

Licensed P.E. in NY

Haley & Aldrich
200 Town Centre Drive | Suite 2
Rochester, NY 14623

T: (585) 321.4211
C: (585) 315.4761

www.haleyaldrich.com

From: Szucs, Janice
Sent: Monday, June 3, 2024 5:56 PM
To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Cc: wallym@morselbr.com; White, Glenn <GWhite@haleyaldrich.com>; Bartlett, Kim <KBartlett@haleyaldrich.com>; Eric Hoban <ehoban@sesslerenv.com>; Pratt, David (DEC) <david.pratt@dec.ny.gov>; Morgan, Adam T (DEC) <Adam.Morgan@dec.ny.gov>
Subject: RE: Morse Lumber, 65 Trowbridge Street Site, C828217 - Request to import topsoil

Hi Josh,

Attached is the revised topsoil import request for up to 300 CY. The lab report now includes the TAL metals list.

Thanks,

Janice Szucs, P.E.
Associate | Senior Project Manager
Senior Technical Specialist - Environmental Engineering
Licensed P.E. in NY

Haley & Aldrich
200 Town Centre Drive | Suite 2
Rochester, NY 14623

T: (585) 321.4211
C: (585) 315.4761

www.haleyaldrich.com

From: Szucs, Janice
Sent: Monday, June 3, 2024 10:51 AM
To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Cc: wallym@morselbr.com; White, Glenn <GWhite@haleyaldrich.com>; Bartlett, Kim <KBartlett@haleyaldrich.com>; Eric Hoban <ehoban@sesslerenv.com>; Pratt, David (DEC) <david.pratt@dec.ny.gov>; Morgan, Adam T (DEC) <Adam.Morgan@dec.ny.gov>
Subject: RE: Morse Lumber, 65 Trowbridge Street Site, C828217 - Request to import topsoil

Hi Josh,

RCRA 8 was inadvertently requested. We will see if the lab can provide the TAL list.

As for quantity of material, 300 CY is what is planned for import. The form will be revised to indicate 200-300 CY. If more than 300 CY is needed, we will submit another request.

Thanks,

Janice Szucs, P.E.
Associate | Senior Project Manager
Senior Technical Specialist - Environmental Engineering
Licensed P.E. in NY

Haley & Aldrich
200 Town Centre Drive | Suite 2
Rochester, NY 14623

T: (585) 321.4211
C: (585) 315.4761

www.haleyaldrich.com

From: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Sent: Friday, May 31, 2024 3:05 PM
To: Szucs, Janice <JSzucs@haleyaldrich.com>
Cc: wallym@morselbr.com; White, Glenn <GWhite@haleyaldrich.com>; Bartlett, Kim <KBartlett@haleyaldrich.com>; Eric Hoban <ehoban@sesslerenv.com>; Pratt, David (DEC) <david.pratt@dec.ny.gov>; Morgan, Adam T (DEC) <Adam.Morgan@dec.ny.gov>
Subject: RE: Morse Lumber, 65 Trowbridge Street Site, C828217 - Request to import topsoil

CAUTION: External Email

Janice,

Per DER-10, we need two composite samples when importing 300-400 cubic yards of material, not 1.

Is there a reason why RCRA 8 metals were run instead of TAL metals?

Cheers,
Josh.
--

Joshuah J. Klier (Josh), G.I.T., M.S. *(he/him/his)*
Assistant Geologist | Project Manager
Division of Environmental Remediation – Region 8
New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY, 14414
P: (585) 226-5357 | F: (585) 226-8139 | joshuah.klier@dec.ny.gov



CONFIDENTIALITY NOTICE – This e-mail (including any attachments) may contain information which is privileged, confidential or otherwise exempt from disclosure under applicable law. This e-mail is intended only for the recipient(s) named in the message header. If you are not the intended recipient of this e-mail, please notify the sender immediately and delete this e-mail, all copies in your e-mail system, and destroy any printed copies. Any disclosure, reproduction, distribution or other use of this message or any attachments by an individual or entity other than the intended recipient(s) without prior authorization from the original sender is strictly prohibited.

From: Szucs, Janice <JSzucs@haleyaldrich.com>
Sent: Friday, May 31, 2024 10:47 AM

To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Cc: wallym@morselbr.com; White, Glenn <GWhite@haleyaldrich.com>; Bartlett, Kim <KBartlett@haleyaldrich.com>; Eric Hoban <ehoban@sesslerenv.com>
Subject: Morse Lumber, 65 Trowbridge Street Site, C828217 - Request to import topsoil

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Josh,

Please see the attached request to import topsoil for the Morse Lumber, 65 Trowbridge Street Site, C828217. Compounds detected were below Commercial Use SCOs, which is the intended use of the site. In addition, the PFOA and PFOS compounds detected were below the guidance values in the April 2023 NYSDEC PFAS Guidance.

Thanks,

Janice Szucs, P.E.
Associate | Senior Project Manager
Senior Technical Specialist - Environmental Engineering
Licensed P.E. in NY

Haley & Aldrich
200 Town Centre Drive | Suite 2
Rochester, NY 14623

T: (585) 321.4211
C: (585) 315.4761

www.haleyaldrich.com

Bartlett, Kim

From: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Sent: Thursday, June 20, 2024 9:39 AM
To: Szucs, Janice
Cc: White, Glenn; wallym@morselbr.com; Bartlett, Kim; Eric Hoban
Subject: Re: Morse Lumber / 65 Trowbridge St BCP, NYSDEC Site No. C828217 - Request to Import Aggregate 2

CAUTION: External Email

These materials are approved.

Get Outlook for iOS

From: Szucs, Janice <JSzucs@haleyaldrich.com>
Sent: Wednesday, June 19, 2024 3:53:57 PM
To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Cc: White, Glenn <GWhite@haleyaldrich.com>; wallym@morselbr.com <wallym@morselbr.com>; Bartlett, Kim <KBartlett@haleyaldrich.com>; Eric Hoban <ehoban@sesslerenv.com>
Subject: Morse Lumber / 65 Trowbridge St BCP, NYSDEC Site No. C828217 - Request to Import Aggregate 2

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Josh,

Please see attached request for approval to import aggregate for the 65 Trowbridge Street Site.

Thanks,

Janice Szucs, P.E.
Associate | Senior Project Manager
Senior Technical Specialist - Environmental Engineering
Licensed P.E. in NY

Haley & Aldrich
200 Town Centre Drive | Suite 2
Rochester, NY 14623

T: (585) 321.4211
C: (585) 315.4761

www.haleyaldrich.com

From:	Klier, Joshuah J (DEC)
To:	Szucs, Janice
Cc:	wallym@morselbr.com; White, Glenn; Bartlett, Kim; Pratt, David (DEC); Morgan, Adam T (DEC)
Subject:	RE: 65 Trowbridge St BCP - Proposed changes to RIWP
Date:	Friday, August 2, 2024 11:18:54 AM
Attachments:	image001.png

CAUTION: External Email

Thanks for the clarification.

This is fine w/ me.

Cheers,
Josh.
--

Joshuah J. Klier (Josh), G.I.T., M.S. *(he/him/his)*
Assistant Geologist | Project Manager
Division of Environmental Remediation – Region 8
New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY, 14414
P: (585) 226-5357 | F: (585) 226-8139 | joshuah.klier@dec.ny.gov

CONFIDENTIALITY NOTICE – This e-mail (including any attachments) may contain information which is privileged, confidential or otherwise exempt from disclosure under applicable law. This e-mail is intended only for the recipient(s) named in the message header. If you are not the intended recipient of this e-mail, please notify the sender immediately and delete this e-mail, all copies in your e-mail system, and destroy any printed copies. Any disclosure, reproduction, distribution or other use of this message or any attachments by an individual or entity other than the intended recipient(s) without prior authorization from the original sender is strictly prohibited.

From: Szucs, Janice <JSzucs@haleyaldrich.com>
Sent: Friday, August 2, 2024 11:03 AM
To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Cc: wallym@morselbr.com; White, Glenn <GWhite@haleyaldrich.com>; Bartlett, Kim <KBartlett@haleyaldrich.com>; Pratt, David (DEC) <david.pratt@dec.ny.gov>; Morgan, Adam T (DEC) <Adam.Morgan@dec.ny.gov>
Subject: RE: 65 Trowbridge St BCP - Proposed changes to RIWP

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Josh,

MW-6 is an upgradient well and detections have been low to ND. We now have MW-5 to cover the eastern portion of the site, which we didn't have before since it could not be located.

Janice Szucs, P.E.

Associate | Senior Project Manager
Senior Technical Specialist - Environmental Engineering
Licensed P.E. in NY

Haley & Aldrich
200 Town Centre Drive | Suite 2
Rochester, NY 14623

T: (585) 321.4211
C: (585) 315.4761

www.haleyaldrich.com

From: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Sent: Friday, August 2, 2024 10:54 AM
To: Szucs, Janice <JSzucs@haleyaldrich.com>
Cc: wallym@morselbr.com; White, Glenn <GWhite@haleyaldrich.com>; Bartlett, Kim <KBartlett@haleyaldrich.com>; Pratt, David (DEC) <david.pratt@dec.ny.gov>; Morgan, Adam T (DEC) <Adam.Morgan@dec.ny.gov>
Subject: RE: 65 Trowbridge St BCP - Proposed changes to RIWP

CAUTION: External Email

Janice,

What is the justification for not replacing MW-6?

Cheers,
Josh.
--

Joshuah J. Klier (Josh), G.I.T., M.S. *(he/him/his)*
Assistant Geologist | Project Manager
Division of Environmental Remediation – Region 8
New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY, 14414
P: (585) 226-5357 | F: (585) 226-8139 | joshuah.klier@dec.ny.gov



CONFIDENTIALITY NOTICE – This e-mail (including any attachments) may contain information which is privileged, confidential or otherwise exempt from disclosure under applicable law. This e-mail is intended only for the recipient(s) named in the message header. If you are not the intended recipient of this e-mail, please notify the sender immediately and delete this e-mail, all copies in your e-mail system, and destroy any printed copies. Any disclosure, reproduction, distribution or other use of this message or any attachments by an individual or entity other than the intended recipient(s) without prior authorization from the original sender is strictly prohibited.

From: Szucs, Janice <JSzucs@haleyaldrich.com>
Sent: Friday, August 2, 2024 8:04 AM

To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Cc: wallym@morselbr.com; White, Glenn <GWhite@haleyaldrich.com>; Bartlett, Kim <KBartlett@haleyaldrich.com>
Subject: RE: 65 Trowbridge St BCP - Proposed changes to RIWP

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Josh,

We are preparing for the second round of groundwater sampling per the RIWP and have a requested change regarding MW-6 since our recent well reconnaissance and findings during the IRM excavation.

A groundwater analytical data summary table is attached. The attached marked up site plan summarizes the wellfield status.

In summary:

- We have not been able to locate offsite upgradient well MW-6 after a couple attempts digging around and with a metal detector. Due to its location in the lumber yard, it is likely buried in the gravel and integrity could be compromised. We propose to remove this from the sampling program.
- As mentioned during IRM activities, we discovered MW-5, which we previously could not locate for the 2021 pre-IRM sampling event. MW-5 has been making water, so we plan to add that well back into the sampling program.
- MW-4 was also discovered during IRM activities, which previously could not be located for the 2021 pre-IRM sampling event. The well integrity was compromised, so we decommissioned the well and plan to reinstall and sample it.

Please let us know if MW-6 can be removed from the sampling program. We plan to reinstall MW-4 next week, pending contractor availability.

I can be available today to discuss via conference call if needed.

Thanks,
Janice

From: Caffoe, Todd (DEC) <todd.caffoe@dec.ny.gov>
Sent: Wednesday, July 21, 2021 2:07 PM
To: Szucs, Janice <JSzucs@haleyaldrich.com>
Subject: Re: 65 Trowbridge St BCP - Proposed changes to RIWP

CAUTION: External Email

I think you will be fine. Its been real wet lately and the day-to-day activities at the lumber yard will most likely create more dust than the Geoprobe.

-Todd

From: Szucs, Janice <JSzucs@haleyaldrich.com>
Sent: Wednesday, July 21, 2021 1:34 PM
To: Caffoe, Todd (DEC) <todd.caffoe@dec.ny.gov>
Subject: RE: 65 Trowbridge St BCP - Proposed changes to RIWP

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Todd,

We are planning to collect the grab sample in the vicinity of the former MW-4 on Monday 7/26. Sampling will be done via geoprobe to about 15 ft. There will be no augering, soils will not be generated, and work should be less than ½ day. Dust generation should be minimal. Given the sampling methodology and the one location, do we need to do perimeter CAMP monitoring (i.e., upwind and downwind monitoring units)? Work space monitoring (visual and via handheld PID) will still be conducted by our field personnel.

Janice Szucs, P.E.
Associate | Senior Project Manager
Senior Technical Specialist - Environmental Engineering
Licensed P.E. in NY

Haley & Aldrich
200 Town Centre Drive | Suite 2
Rochester, NY 14623

T: (585) 321.4211
C: (585) 315.4761

www.haleyaldrich.com

From: Caffoe, Todd (DEC) <todd.caffoe@dec.ny.gov>
Sent: Monday, July 12, 2021 1:09 PM
To: Szucs, Janice <JSzucs@haleyaldrich.com>
Subject: Re: 65 Trowbridge St BCP - Proposed changes to RIWP

CAUTION: External Email

Thanks Janice. That will be fine. The integrity of MW-8 has probably been compromised so proceed as planned.

-Todd

From: Szucs, Janice <JSzucs@haleyaldrich.com>
Sent: Monday, July 12, 2021 12:06 PM
To: Caffoe, Todd (DEC) <todd.caffoe@dec.ny.gov>
Subject: RE: 65 Trowbridge St BCP - Proposed changes to RIWP

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Todd,

Our surveyor was out at the site last week to survey the site in preparation for the cut and fill plan. We had him doublecheck the locations of the wells we could not find. Our surveyor thinks he found MW-8, located offsite and to the south of the BCP site, though there was no cap on the PVC pipe and it was covered in gravel. H&A needs to assess the condition of the well when they are onsite to sample tomorrow. I suspect there is gravel down that well, but we will need to verify. I can keep you posted on what we find at MW-8. We plan to proceed with the approved changes to the groundwater sampling plan outlined below unless we hear differently from you.

Thanks,

Janice Szucs, P.E.
Associate | Senior Project Manager
Senior Technical Specialist - Environmental Engineering
Licensed P.E. in NY

Haley & Aldrich
200 Town Centre Drive | Suite 2
Rochester, NY 14623

T: (585) 321.4211
C: (585) 315.4761

www.haleyaldrich.com

From: Szucs, Janice <JSzucs@haleyaldrich.com>
Sent: Thursday, July 8, 2021 6:54 PM
To: Caffoe, Todd (DEC) <todd.caffoe@dec.ny.gov>
Cc: Randy Freeman (randyf@morselbr.com) <randyf@morselbr.com>; wallym@morselbr.com

<wallym@morselbr.com>; White, Glenn <GWhite@haleyaldrich.com>; Pratt, David (DEC) <david.pratt@dec.ny.gov>
Subject: RE: 65 Trowbridge St BCP - Proposed changes to RIWP

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Todd,

We have confirmed the sampling dates to be 7/13-7/15.

Thanks,

Janice Szucs, P.E.
Associate | Senior Project Manager
Senior Technical Specialist - Environmental Engineering
Licensed P.E. in NY

Haley & Aldrich
200 Town Centre Drive | Suite 2
Rochester, NY 14623

T: (585) 321.4211
C: (585) 315.4761

www.haleyaldrich.com

From: Caffoe, Todd (DEC) <todd.caffoe@dec.ny.gov>
Sent: Wednesday, July 7, 2021 7:58 AM
To: Szucs, Janice <JSzucs@haleyaldrich.com>
Cc: Randy Freeman (randyf@morselbr.com) <randyf@morselbr.com>; wallym@morselbr.com; White, Glenn <GWhite@haleyaldrich.com>; Pratt, David (DEC) <david.pratt@dec.ny.gov>
Subject: Re: 65 Trowbridge St BCP - Proposed changes to RIWP

CAUTION: External Email

Hi Janice,
The proposed changes to the sampling program are acceptable. These changes to the work plan need to be documented in the RI report.

Please be aware that based upon the data results from the RI, additional groundwater characterization may be required. Please keep me post on the current schedule and let me know if you have any questions. Thank you.

-Todd

As the State of New York transitions from the COVID-19 Health Crisis, I will be working remotely and in the office. Please e-mail if you need to reach me. If you need immediate assistance, please contact our unit secretary, Teri Cotter, at teri.cotter@dec.ny.gov or 585-226-5353, and she will direct your inquiry.

Todd M. Caffoe, P.E.

Division of Environmental Remediation

New York State Department of Environmental Conservation

6274 East Avon-Lima Road, Avon, NY 14414

P: (585) 226-5350 |Todd.Caffoe@dec.ny.gov

www.dec.ny.gov |

From: Szucs, Janice <JSzucs@haleyaldrich.com>
Sent: Friday, July 2, 2021 12:07 PM
To: Caffoe, Todd (DEC) <todd.caffoe@dec.ny.gov>
Cc: Randy Freeman (randyf@morselbr.com) <randyf@morselbr.com>; wallym@morselbr.com <wallym@morselbr.com>; White, Glenn <GWhite@haleyaldrich.com>
Subject: 65 Trowbridge St BCP - Proposed changes to RIWP

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Todd,

We were out at the 65 Trowbridge Site on 6/21 and 6/22 to do some site reconnaissance in advance of groundwater sampling to locate the monitoring wells, inspect them and redevelop them if needed as indicated in the DEC-approved Remedial Investigation Work Plan.

Unfortunately, we were not able to locate 3 of the 10 wells. These are wells MW-4, MW-5 and MW-8, which are highlighted red on the attached figure. We attempted to locate them via GPS coordinates, metal detector and digging through the top few inches of material. Most wells have not been accessed since 2015, some not since 2008, so it is highly possible that they were inadvertently destroyed and/or covered up.

Given that these wells could not be located, we are proposing some changes to the sampling program. These are shown on the attached figure.

In summary, the changes are as follows:

- Two of the three wells, MW-4 and MW-5, were originally planned for PFAS and 1,4-dioxane sampling. We are proposing to do the PFAS and 1,4-dioxane sampling at MW-3 and MW-7 instead.
- MW-4 is located in an area that Morse is considering for leasing to the adjacent property owner. We propose collecting a groundwater grab sample via Geoprobe in that area and analyze for VOCs only. A grab sample will likely be too turbid to get representative results for metals and SVOCs.
- Remove MW-8 from the sampling program. There are still two other wells, MW-1 and MW-6, in this area that were located and will be sampled.

If you have any questions or would like to discuss, please let me know. Sampling is currently scheduled for the week of July 12.

Thanks,

Janice Szucs, P.E.
Associate | Senior Project Manager
Senior Technical Specialist - Environmental Engineering
Licensed P.E. in NY

Haley & Aldrich
200 Town Centre Drive | Suite 2
Rochester, NY 14623

T: (585) 321.4211
C: (585) 315.4761

www.haleyaldrich.com

APPENDIX C
Field Datasheets

2021 Monitoring Well Development Reports

HALEY ALDRICH

MONITORING WELL DEVELOPMENT REPORT

Well No. **MW-1**

PROJECT	65 Trowbridge Street - Former MGP Site	**H&A FILE NO.**	200336
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Szucs
CLIENT	Wm. B. Morse Lumber Co.	**FIELD REP.**	R. Lydell
CONTRACTOR	N/A	**DATE**	06/21/21

SUBTRAHEND _____ **Elevation:** See Site Plan **Datum:** _____

Estimated Volume Of Water Lost During Drilling: N/A gallons

Comments: _____

Depth To Water Before Development: 11:12 time 5.40 feet

Comments: 5.55' at 11:50, often pumps dry

Depth To Well Bottom Before Development: 6.98 feet

Comments: semi-soft, sediment bottom

Turbidity Of Water Before Development: _____ NTU

Comments: turbid, sand removed possibly from sandpack

Volume Of Water Removed: 10.0 gallons 2.5 well volumes

Theoretical Volume Of Water: Height of H_2O Column (ft) = 1.43 ft X 0.17 (0.16 gal/ft for 2"; 0.65 gal/ft for 4") = 0.24 gal

Comments: _____

Method Of Removal (bailing, pumping): whale pump

Comments: Surge block

Depth To Water After Development: 10:20 time 7.72 feet

Comments: _____

Depth To Well Bottom After Development: 8.90 feet

Comments: _____

Turbidity Of Water After Development: _____ NTU

Comments: clear

HALEY ALDRICH

MONITORING WELL DEVELOPMENT REPORT

Well No. **MW-2**

PROJECT	65 Trowbridge Street - Former MGP Site	**H&A FILE NO.**	200336
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Szucs
CLIENT	Wm. B. Morse Lumber Co.	**FIELD REP.**	R. Lydell
CONTRACTOR	N/A	**DATE**	06/21/21

SUBTRAHEND _____ **Elevation:** See Site Plan **Datum:** _____

Estimated Volume Of Water Lost During Drilling: N/A gallons

Comments:

Depth To Water Before Development: 13:00 time 9.6 feet

Comments:

Depth To Well Bottom Before Development: 16.3 feet

Comments:

Turbidity Of Water Before Development: _____ NTU

Comments: Black

Volume Of Water Removed: 10.0 gallons 10.0 well volumes

Theoretical Volume Of Water: Height of H_2O Column (ft) = 6.7 ft X 0.16 (0.16 gal/ft for 2"; 0.65 gal/ft for 4") = 1.1 gal

Comments:

Method Of Removal (bailing, pumping): whale pump

Comments:

Depth To Water After Development: 14:53 time 12.9 feet

Comments:

Depth To Well Bottom After Development: 16.27 feet

Comments:

Turbidity Of Water After Development: _____ NTU

Comments: Clear

MONITORING WELL DEVELOPMENT REPORT

HALEY ALDRICH

Well No. MW-5

PROJECT	65 Trowbridge Street - Former MGP Site	**H&A FILE NO.**	200336
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Szucs
CLIENT	Wm. B. Morse Lumber Co.	**FIELD REP.**	R. Lydell
CONTRACTOR	N/A	**DATE**	06/21/21

SUBTRAHEND _____ **Elevation:** See Site Plan **Datum:** _____

Estimated Volume Of Water Lost During Drilling: N/A gallons

Comments: _____

Depth To Water Before Development: 13:20 time 7.14 feet

Comments: _____

Depth To Well Bottom Before Development: 9.80 feet

Comments: soft bottom

Turbidity Of Water Before Development: _____ NTU

Comments: turbid

Volume Of Water Removed: 7.5 gallons 19.9 well volumes

Theoretical Volume Of Water: Height of H_2O Column (ft) = 2.36 ft X 0.16 (0.16 gal/ft for 2"; 0.65 gal/ft for 4") = 0.4 gal

Comments: _____

Method Of Removal (bailing, pumping): Whale Pump

Comments: _____

Depth To Water After Development: 11:15 time 7.29 feet

Comments: clear, no odor

Depth To Well Bottom After Development: 9.8 feet

Comments: hard bottom

Turbidity Of Water After Development: _____ NTU

Comments: Cloudy

2021 Field Forms

Field Sampling Form

Location:

Job Number:
Well ID: MW-1
Field Sampling Crew: R.L, R.L.

Date: 7/14/21
Start Time: 9:40
Finished Time:

Initial Depth to Water: 4.86
Well Depth: 8.90
Depth to top of screen: 2.5
Depth to bottom of screen:
Depth of Pump Intake: 7.90

Purging Device: Bladder
Tubing present in well? No
Tubing type: HDPE

Time Elapsed (24 hour)	Depth to Water (from casing)	Pump Setting (ml/min or gal/min)	Purge Rate (ml/min or gal/min)	Cumulative Purge Volume (liters or gallons)	Temperature (degrees Celsius)	pH	Conductivity us/cm	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP/eH (mv)	Comments
0	5.18		100		18.8	6.6	1.30	0.08	12.1	47.4	
5	5.34				18.7	6.65	1.30	0	11.5	21.6	
10	5.51				18.8	6.65	1.29	0	8.06	37.2	
15	5.67				18.8	6.65	1.29	0	5.37	54.5	
20	5.81				18.8	6.65	1.30	0	3.01	61.7	
25	5.88				18.8	6.65	1.30	0	2.81	68.5	
30	5.94				18.8	6.66	1.30	0	1.88	74.0	
35	6.00				18.7	6.66	1.30	0	1.61	78.0	
											Sample ID 4125-071421-1020

Comments: 0.0 ppm, well head space
DTW - 4.58, after pump Install

Field Sampling Form

Location:

Job Number:
Well ID: MW-2
Field Sampling Crew: K.L, R.L.

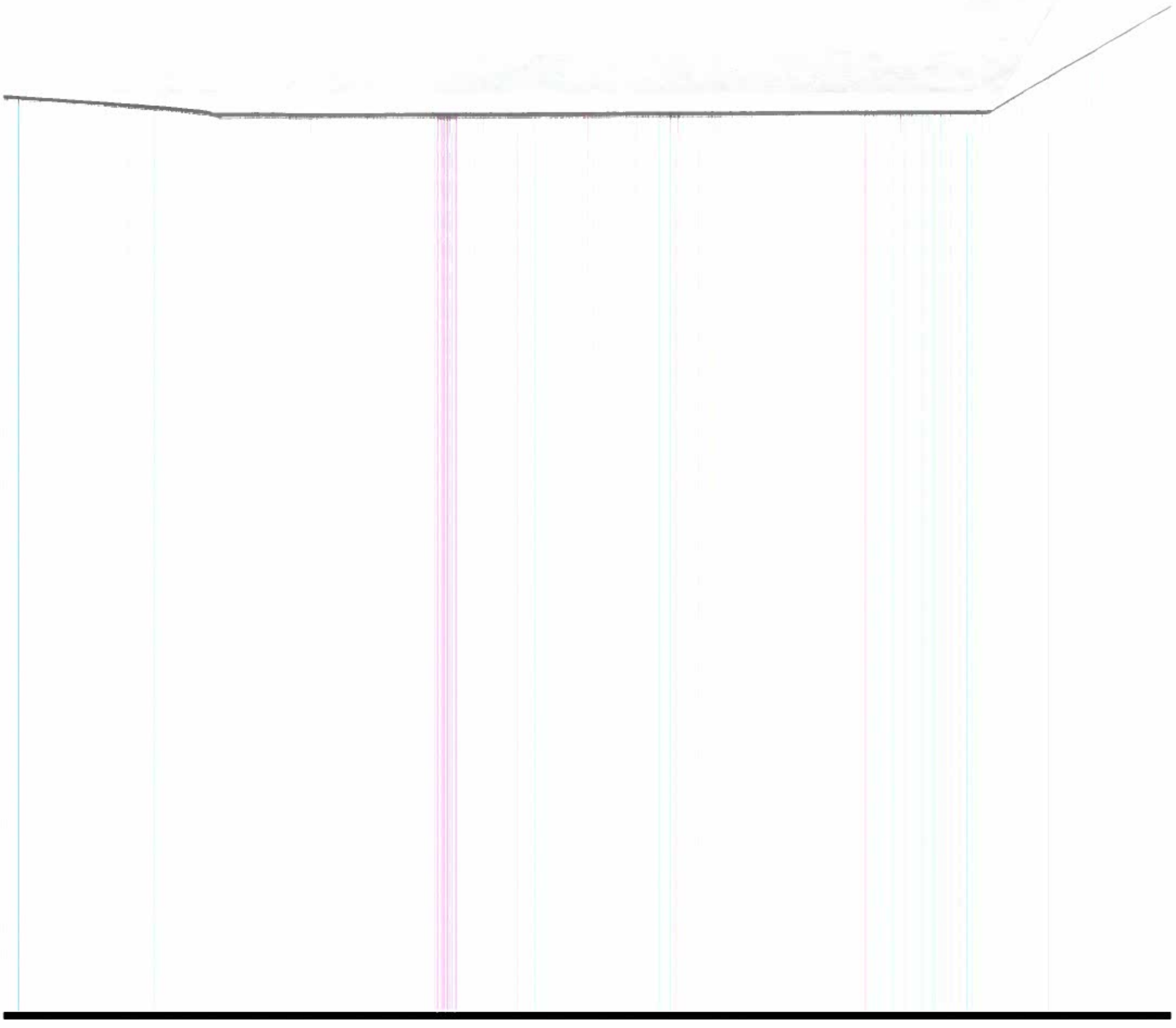
Date: 7/13/21
Start Time: 12:10
Finished Time: 12:55

Initial Depth to Water: 8.62
Well Depth: 16.25
Depth to top of screen: 5.0
Depth to bottom of screen:
Depth of Pump Intake: 15.25

Purging Device: Bladder
Tubing present in well? No
Tubing type: LDPE

Time Elapsed (24 hour)	Depth to Water (from casing)	Pump Setting (ml/min or gal/min)	Purge Rate (ml/min or gal/min)	Cumulative Purge Volume (liters or gallons)	Temperature (degrees Celsius)	pH	Conductivity us/cm	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP/eH (mv)	Comments
0	8.81	100	100		17.6	7.31	0.82	2.34	4.27	38.7	
5	8.72				16.9	7.20	0.85	3.42	2.58	-32.7	
10	8.76				16.5	7.20	0.89	0.75	2.31	-66.6	
15	8.78				16.7	7.22	0.91	0.11	2.03	-82.6	
20	8.73				16.5	7.26	0.92	0.0	1.68	-93.3	
25	8.75				16.3	7.30	0.93	0.0	1.19	-98.8	
30	8.70				16.2	7.35	0.93	0.0	1.99	-104.1	
35	8.70				16.9	7.39	0.94	0.0	1.23	-107.9	
40	8.71				16.5	7.50	0.94	0.0	0.85	-112.8	
											4125-071321-1255
											4125-071321-000 -TB

Comments: 0.0 ppm
Clear
no oder



Field Sampling Form

Location:

Job Number:
Well ID: MW-3
Field Sampling Crew: KL, RL

Date: 7/14/21
Start Time: 11:35
Finished Time:

Initial Depth to Water: 11.67
Well Depth: 15.57
Depth to top of screen: 3.00
Depth to bottom of screen:
Depth of Pump Intake: 14.57

Purging Device: Bladder
Tubing present in well? No
Tubing type: HDPE

Time Elapsed (24 hour)	Depth to Water (from casing)	Pump Setting (ml/min or gal/min)	Purge Rate (ml/min or gal/min)	Cumulative Purge Volume (liters or gallons)	Temperature (degrees Celsius)	pH	Conductivity us/cm	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP/eH (mv)	Comments
0	11.90		120		19.5	6.99	1.20	1.88	86.3	-78.8	
5	11.99		100		18.7	7.06	1.22	1.37	81.1	-80.4	
10	12.06				18.3	7.06	1.24	1.49	19.4	-77.8	
15	12.11				18.3	7.06	1.28	1.55	14.8	-80.5	
20	12.16				18.3	7.05	1.28	0.97	7.14	-81.9	
25	12.19				18.4	7.05	1.25	1.09	5.35	-82.5	
30	12.19				18.3	7.06	1.21	1.42	4.01	-82.9	
35	12.19				18.3	7.06	1.16	0.78	3.68	-66.5	
40	12.19				18.3	7.06	1.14	0.82	3.83	-70.0	
45	12.17				18.3	7.06	1.11	0.66	2.82	-73.4	
50	12.17				18.2	7.06	1.10	0.64	2.44	-75.1	
55	12.14				18.2	7.05	1.08	0.76	2.58	-75.4	
											Sample ID
											4125-071421-1240
											4125-071421-0001 F.D.

Comments:

0.0 ppm, well head space

DTW = 11.69, after install pump

Field Sampling Form

Location:

Job Number:
Well ID: MW-6
Field Sampling Crew: K.L., RL.

Date: 7/15/21
Start Time: 9:35
Finished Time:

Initial Depth to Water: 7.08
Well Depth: 9.81
Depth to top of screen:
Depth to bottom of screen:
Depth of Pump Intake: 8.81

Purging Device: Bladder
Tubing present in well? NO
Tubing type: LDPE

Time Elapsed (24 hour)	Depth to Water (from casing)	Pump Setting (ml/min or gal/min)	Purge Rate (ml/min or gal/min)	Cumulative Purge Volume (liters or gallons)	Temperature (degrees Celsius)	pH	Conductivity us/cm	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP/eH (mv)	Comments
0	7.18		120		19.4	6.79	1.77	0.89	Overrange	-58.6	
5	7.17		100		18.8	6.90	1.75	0.28	Overrange	-69.7	
10	7.19				19.2	6.92	1.76	0.05	Overrange	-82.6	
15	7.16				18.9	6.93	1.78	0	88.3	-91.4	
20	7.19				19.1	6.93	1.78	0	58.2	-95.7	
25	7.16				19.2	6.93	1.79	0	42.4	-97.6	
30	7.16				19.2	6.94	1.79	0	38.0	-99.3	
35	7.19				19.1	6.94	1.80	0	30.2	-100.5	
40	7.19				19.3	6.94	1.79	0	27.0	-101.0	
45	7.19				19.1	6.95	1.79	0	23.0	-101.2	
											Sample ID: 4125-071521-1030

Comments: 0.0 ppm, well head space

DTW- 7.06, after pump install

Field Sampling Form
Location:

Job Number:
Well ID: MW-7
Field Sampling Crew: K.L., R.L.

Date: 7/13/21
Start Time: 10:35
Finished Time:

Initial Depth to Water: 10.74
Well Depth: 13.98
Depth to top of screen: 7
Depth to bottom of screen:
Depth of Pump Intake:

Purging Device: Bladder Pump
Tubing present in well? No
Tubing type: HDPE

Time Elapsed (24 hour)	Depth to Water (from casing)	Pump Setting (ml/min or gal/min)	Purge Rate (ml/min or gal/min)	Cumulative Purge Volume (liters or gallons)	Temperature (degrees Celsius)	pH	Conductivity us/cm	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP/eH (mv)	Comments
0	10.85		120		20.2	7.26	0.76	7.67	7.96	261.4	
5	11.19				19.4	7.34	0.75	6.80	5.51	257.9	
10	11.41				19.0	7.24	0.71	6.50	2.32	262.1	
15	11.62				19.0	7.19	0.71	5.96	1.99	266.0	
20	11.83				18.9	7.22	0.72	6.02	1.54	268.1	
25	12.05				18.8	7.25	0.73	6.69	1.43	268.9	
											Sample ID:
											4125-071321-1110
13:15	11.80										
14:30	11.90										
16:00	11.40										

Comments:
0.0 ppm well headspace
DTW after installing pump- 10.60

Field Sampling Form

Location:

Job Number:
Well ID: MW-9
Field Sampling Crew: K.L., R.L.

Date: 7/14
Start Time: 15:15
Finished Time:

Initial Depth to Water: 5.72
Well Depth: 8.02
Depth to top of screen: 2.00
Depth to bottom of screen:
Depth of Pump Intake: 7.02

Purging Device: Bladder
Tubing present in well? No
Tubing type: LDPE

Time Elapsed (24 hour)	Depth to Water (from casing)	Pump Setting (ml/min or gal/min)	Purge Rate (ml/min or gal/min)	Cumulative Purge Volume (liters or gallons)	Temperature (degrees Celsius)	pH	Conductivity us/cm	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP/eH (mv)	Comments
0	6.06		150		21.3	7.56	1.10	4.19	27.3	-106.5	
5	6.78		100		18.5	7.40	1.03	0.09	19.4	-119.5	
10	Below top of pump				18.7	7.43	1.10	0.28	11.7	-125.0	
15	Below				20.0	7.45	1.13	0.70	8.25	-119.5	
20	Below				20.4	7.45	1.14	1.03	7.38	-117.7	
					20.6	7.43	1.17	1.58	6.14	-115.6	dry
7/15/21 08:00	5.68										Sample ID
	5.79										4125-071521-0815

Comments:

0.8ppm
5.52 DTW, after install pump

Field Sampling Form

Location:

Job Number:
Well ID: MW-10
Field Sampling Crew: KL, RL

Date: 7/13/21
Start Time: ~~9:00~~ 15:00
Finished Time: 15:30

Initial Depth to Water: 7.35
Well Depth: 11.75
Depth to top of screen: 8.0
Depth to bottom of screen:
Depth of Pump Intake: 10.75

Purging Device: Bladder
Tubing present in well? NO
Tubing type: LDPE

Time Elapsed (24 hour)	Depth to Water (from casing)	Pump Setting (ml/min or gal/min)	Purge Rate (ml/min or gal/min)	Cumulative Purge Volume (liters or gallons)	Temperature (degrees Celsius)	pH	Conductivity us/cm	Dissolved Oxygen (mg/L)	Turbidity (NTU)	ORP/eH (mv)	Comments
0	7.17				24.3	7.88	0.88	1.70	24.6	-56.5	
5	8.25		100		21.2	7.85	0.89	0.61	20.6	-124.7	
10	8.84				21.2	7.84	0.86	0.35	21.3	-128.1	
15	8.96				21.5	7.78	0.81	0.33	16.9	-116.6	
20	9.15				21.5	7.72	0.79	0.25	13.0	-108.8	
25	9.39				21.6	7.81	0.81	0.15	10.86	-112.4	
											Sample ID: MW10-071321-1530

Comments:

0-2 ppm

DTW - 6.67, after pump Install

2024 Well Development Reports

HALEY ALDRICH

MONITORING WELL DEVELOPMENT REPORT

Well No. MW-1

PROJECT	65 Trowbridge Street - Former MGP Site	**H&A FILE NO.**	0200336-003
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Szucs
CLIENT	Wm. B. Morse Lumber Co.	**FIELD REP.**	K. Bartlett
CONTRACTOR	N/A	**DATE**	08/07/24

SUBTRAHEND _____ **Elevation:** See Site Plan **Datum:** _____

Estimated Volume Of Water Lost During Drilling: N/A gallons

Comments:

Depth To Water Before Development: 7:45 time 5.47 feet

Comments: brown to dark brown in color, no odor

Depth To Well Bottom Before Development: 8.89 feet

Comments: hard bottom

Turbidity Of Water Before Development: 94.0 NTU

Comments:

Volume Of Water Removed: 5.5 gallons 10.1 well volumes

Theoretical Volume Of Water: Height of H_2O Column (ft) = 3.42 ft X 0.16 (0.16 gal/ft for 2"; 0.65 gal/ft for 4") = 0.5 gal

Comments:

Method Of Removal (bailing, pumping): pumping

Comments: using dedicated HDPE tubing to break up any sediment and then surging whale pump to remove any sediment

Depth To Water After Development: 8:50 time 7.30 feet

Comments: clear, "petroleum-like" odor

Depth To Well Bottom After Development: 8.91 feet

Comments: hard bottom

Turbidity Of Water After Development: 33.6 NTU

Comments:

HALEY ALDRICH

MONITORING WELL DEVELOPMENT REPORT

Well No. MW-2

PROJECT	65 Trowbridge Street - Former MGP Site	**H&A FILE NO.**	0200336-003
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Szucs
CLIENT	Wm. B. Morse Lumber Co.	**FIELD REP.**	K. Bartlett
CONTRACTOR	N/A	**DATE**	08/08/24

SUBTRAHEND _____ **Elevation:** See Site Plan **Datum:** _____

Estimated Volume Of Water Lost During Drilling: N/A gallons

Comments:

Depth To Water Before Development: 7:40 time 9.9 feet

Comments: black sediment present within water, no odor

Depth To Well Bottom Before Development: 16.3 feet

Comments: hard bottom

Turbidity Of Water Before Development: 89.6 NTU

Comments:

Volume Of Water Removed: 10.4 gallons 10.1 well volumes

Theoretical Volume Of Water: Height of H_2O Column (ft) = 6.43 ft X 0.16 (0.16 gal/ft for 2"; 0.65 gal/ft for 4") = 1.0 gal

Comments:

Method Of Removal (bailing, pumping): pumping

Comments: using dedicated HDPE tubing to break up any sediment and then surging whale pump to remove any sediment

Depth To Water After Development: 8:45 time 11.8 feet

Comments:

Depth To Well Bottom After Development: 16.3 feet

Comments: hard bottom

Turbidity Of Water After Development: 6.5 NTU

Comments: clear, slight "petroleum-like" odor

MONITORING WELL DEVELOPMENT REPORT

HALEY ALDRICH

Well No. MW-3

PROJECT	65 Trowbridge Street - Former MGP Site	**H&A FILE NO.**	0200336-003
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Szucs
CLIENT	Wm. B. Morse Lumber Co.	**FIELD REP.**	K. Bartlett
CONTRACTOR	N/A	**DATE**	08/07/24

SUBTRAHEND _____ **Elevation:** See Site Plan **Datum:** _____

Estimated Volume Of Water Lost During Drilling: N/A gallons

Comments:

Depth To Water Before Development: 11:30 time 8.51 feet

Comments:

Depth To Well Bottom Before Development: 12.01 feet

Comments: hard bottom

Turbidity Of Water Before Development: overrange NTU

Comments: dark brown, no odor

Volume Of Water Removed: 6.0 gallons 10.7 well volumes

Theoretical Volume Of Water: Height of H_2O Column (ft) = 3.5 ft X 0.16 (0.16 gal/ft for 2"; 0.65 gal/ft for 4") = 0.6 gal

Comments:

Method Of Removal (bailing, pumping): pumping

Comments: using dedicated HDPE tubing to break up any sediment and then surging whale pump to remove any sediment

Depth To Water After Development: 13:35 time 10.52 feet

Comments:

Depth To Well Bottom After Development: 12.12 feet

Comments: hard bottom

Turbidity Of Water After Development: 32.5 NTU

Comments: clear, no odor

MONITORING WELL DEVELOPMENT REPORT

HALEY ALDRICH

Well No. MW-4R

PROJECT	65 Trowbridge Street - Former MGP Site	**H&A FILE NO.**	0200336-003
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Szucs
CLIENT	Wm. B. Morse Lumber	**FIELD REP.**	K. Bartlett
CONTRACTOR	N/A	**DATE**	09/05/24

SUBTRAHEND _____ **Elevation:** _____ **Datum:** _____

Estimated Volume Of Water Lost During Drilling: 0 gallons

Comments: Well developed approximately 3 weeks after installation. Water column was dry the day of installation

Depth To Water Before Development: 12:30 time 11.5 feet

Comments: _____

Depth To Well Bottom Before Development: 13.3 feet

Comments: soft bottom,

Turbidity Of Water Before Development: overrange NTU

Comments: dark brown to black

Volume Of Water Removed: 3.0 gallons 10.0 well volumes

Theoretical Volume Of Water: Height of H_2O Column (ft) = 1.8 ft X 0.16 (0.16 gal/ft for 2"; 0.65 gal/ft for 4") = 0.3 gal

Comments: well continuously ran dry. Development continued until after several recharges

Method Of Removal (bailing, pumping): Submersible whale pump

Comments: _____

Depth To Water After Development: 14:00 time DRY feet

Comments: hard bottom

Depth To Well Bottom After Development: 13.4 feet

Comments: _____

Turbidity Of Water After Development: 23.1 NTU

Comments: _____

MONITORING WELL DEVELOPMENT REPORT

HALEY ALDRICH

Well No. MW-5

Page 1 **of** 1

PROJECT	65 Trowbridge Street - Former MGP Site	**H&A FILE NO.**	0200336-003
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Szucs
CLIENT	Wm. B. Morse Lumber Co.	**FIELD REP.**	K. Bartlett
CONTRACTOR	N/A	**DATE**	08/07/24

SUBTRAHEND _____ **Elevation:** See Site Plan **Datum:** _____

Estimated Volume Of Water Lost During Drilling: N/A gallons

Comments: _____

Depth To Water Before Development: 14:20 time 9.52 feet

Comments: dark brown, no odor

Depth To Well Bottom Before Development: 13.18 feet

Comments: _____

Turbidity Of Water Before Development: 47.5 NTU

Comments: _____

Volume Of Water Removed: 6.5 gallons 11.1 well volumes

Theoretical Volume Of Water: Height of H_2O Column (ft) = 3.66 ft X 0.16 (0.16 gal/ft for 2"; 0.65 gal/ft for 4") = 0.6 gal

Comments: _____

Method Of Removal (bailing, pumping): pumping

Comments: using dedicated HDPE tubing to break up any sediment and then surging whale pump to remove any sediment

Depth To Water After Development: 15:30 time 11.59 feet

Comments: clear, no odor

Depth To Well Bottom After Development: 13.2 feet

Comments: hard bottom

Turbidity Of Water After Development: 10.4 NTU

Comments: _____

MONITORING WELL DEVELOPMENT REPORT

HALEY ALDRICH

Well No. MW-7

PROJECT	65 Trowbridge Street - Former MGP Site	**H&A FILE NO.**	0200336-003
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Szucs
CLIENT	Wm. B. Morse Lumber Co.	**FIELD REP.**	K. Bartlett
CONTRACTOR	N/A	**DATE**	08/08/24

SUBTRAHEND _____ **Elevation:** See Site Plan **Datum:** _____

Estimated Volume Of Water Lost During Drilling: N/A gallons

Comments: _____

Depth To Water Before Development: 9:00 time 11.41 feet

Comments: brown to dark brown, no odor

Depth To Well Bottom Before Development: 13.20 feet

Comments: hard bottom

Turbidity Of Water Before Development: overrange NTU

Comments: _____

Volume Of Water Removed: 3.0 gallons 10.2 well volumes

Theoretical Volume Of Water: Height of H_2O Column (ft) = 1.84 ft X 0.16 (0.16 gal/ft for 2"; 0.65 gal/ft for 4") = 0.29 gal

Comments: _____

Method Of Removal (bailing, pumping): pumping / bailer

Comments: began with pump then switched to bailer, recharge rate not sufficient enough to continue using pump

Depth To Water After Development: 10:00 time DRY feet

Comments: _____

Depth To Well Bottom After Development: 13.20 feet

Comments: hard bottom

Turbidity Of Water After Development: 20.5 NTU

Comments: clear, no odor

MONITORING WELL DEVELOPMENT REPORT

HALEY ALDRICH

Well No. MW-9

PROJECT	65 Trowbridge Street - Former MGP Site	**H&A FILE NO.**	0200336-003
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Szucs
CLIENT	Wm. B. Morse Lumber Co.	**FIELD REP.**	K. Bartlett
CONTRACTOR	N/A	**DATE**	08/08/24

SUBTRAHEND _____ **Elevation:** See Site Plan **Datum:** _____

Estimated Volume Of Water Lost During Drilling: N/A gallons

Comments: _____

Depth To Water Before Development: 10:30 time 6.70 feet

Comments: brown, no odor

Depth To Well Bottom Before Development: 8.13 feet

Comments: soft bottom

Turbidity Of Water Before Development: 89.4 NTU

Comments: _____

Volume Of Water Removed: 3.0 gallons 13.1 well volumes

Theoretical Volume Of Water: Height of H_2O Column (ft) = 1.43 ft X 0.16 (0.16 gal/ft for 2"; 0.65 gal/ft for 4") = 0.2 gal

Comments: _____

Method Of Removal (bailing, pumping): pumping

Comments: using dedicated HDPE tubing to break up any sediment and then surging whale pump to remove any sediment

Depth To Water After Development: 12:00 time 7.4 feet

Comments: clear, "petroleum-like" odor

Depth To Well Bottom After Development: 8.73 feet

Comments: hard bottom

Turbidity Of Water After Development: 23.7 NTU

Comments: _____

HALEY ALDRICH

MONITORING WELL DEVELOPMENT REPORT

Well No. **MW-10**

PROJECT	65 Trowbridge Street - Former MGP Site	**H&A FILE NO.**	0200336-003
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Szucs
CLIENT	Wm. B. Morse Lumber Co.	**FIELD REP.**	K. Bartlett
CONTRACTOR	N/A	**DATE**	08/08/24

SUBTRAHEND _____ **Elevation:** See Site Plan **Datum:** _____

Estimated Volume Of Water Lost During Drilling: N/A gallons

Comments: _____

Depth To Water Before Development: 12:30 time 7.64 feet

Comments: dark brown to black, "Petroleum-like" odor

Depth To Well Bottom Before Development: 11.75 feet

Comments: hard bottom

Turbidity Of Water Before Development: 74.0 NTU

Comments: _____

Volume Of Water Removed: 7.0 gallons 10.6 well volumes

Theoretical Volume Of Water: Height of H_2O Column (ft) = 4.11 ft X 0.16 (0.16 gal/ft for 2"; 0.65 gal/ft for 4") = 0.7 gal

Comments: _____

Method Of Removal (bailing, pumping): pumping

Comments: using dedicated HDPE tubing to break up any sediment and then surging whale pump to remove any sediment

Depth To Water After Development: 14:00 time 8.75 feet

Comments: clear, no odor

Depth To Well Bottom After Development: 11.75 feet

Comments: hard bottom

Turbidity Of Water After Development: 27.4 NTU

Comments: _____

2024 Field Forms

HALEY ALDRICH

LOW FLOW/MNA FIELD SAMPLING FORM

PROJECT	Trowbridge St BCP Site - GWSE 2024	H&A FILE NO.	0200336-005
LOCATION	Rochester, NY	PROJECT MGR.	J.Szucs
CLIENT	Wm. B. Morse Lumber	FIELD REP.	K.Bartlett
CONTRACTOR	N/A	SAMPLING DATE	

Sampling Data: DTW Post Install: 5.52'

Well ID:	MW-1	Well Depth:	8.90 ft	Initial Depth To Water:	5.77 ft	Purging Device:	Bladder Pump
Start time:	10:20	Depth To Top Of Screen:	2.5 ft	Depth Of Pump Intake:	ft	Tubing Present In Well:	☐ Yes ☑ No
Finish Time:		Depth To Bottom Of Screen	7.5 ft	Date Well Installed:		Tubing Type:	LDPE

Elapsed Time (24 hour)	Depth To Water From Casing (ft)	Pump Setting (ml/min) or (gal/min)	Purge Rate (ml/min) or (gal/min)	Cumulative Purge Vol. (liters) or (gal)	Temp-erature (°F) or (°C) +/- 10%	pH +/- 0.1	Conduct-ivity (us/cm) +/- 3%	Dissolved Oxygen (mg/L) +/- 10%	Turbidity (NTU) < 10 NTU	ORP/eH (mv) +/- 10 mv	Comments
1035	6.98				18.8	7.23	1.13	0.53	54.5	70.0	PID: 0.0 ppm
1040	7.10				18.3	6.93	1.12	1.52	11.57	71.5	
1045	7.40				18.2	6.93	1.10	2.51	15.4	89.4	
1050	7.80				18.2	6.91	1.10	3.41	15.9	80.7	sample ID
				Stopped							MW1-100224-0950
	Water level below pump. Once pumped was removed, water level recovery was 8.69 purged dry w/ bailer will wait for recharge to sample, will sample of 10/2										
0940	5.62				17.1	7.26	0.574	4.96	18.8	210.1	→ 10/2/24

Form 3010

LOW FLOW/MNA FIELD SAMPLING FORM

PROJECT	Trowbridge St BCP Site - GWSE 2024	H&A FILE NO.	0200336-005
LOCATION	Rochester, NY	PROJECT MGR.	J.Szucs
CLIENT	Wm. B. Morse Lumber	FIELD REP.	K.Bartlett
CONTRACTOR	N/A	SAMPLING DATE	

Sampling Data: MW2 (MW3) DTW Post Install: 6.97

Well ID:	MW2 (MW3)	Well Depth:	16.30 ft	Initial Depth To Water:	7.10 ft	Purging Device:	Bladder Pump
Start time:	12:45	Depth To Top Of Screen:	~5 ft	Depth Of Pump Intake:	~10 ft	Tubing Present In Well:	☐ Yes ☑ No
Finish Time:		Depth To Bottom Of Screen	~~11~~ 15 ft	Date Well Installed:		Tubing Type:	LDPE

Elapsed Time (24 hour)	Depth To Water From Casing (ft)	Pump Setting (ml/min) or (gal/min)	Purge Rate (ml/min) or (gal/min)	Cumulative Purge Vol. (liters) or (gal)	Temp-erature (°F) or (°C) +/- 10%	pH +/- 0.1	Conduct-ivity (us/cm) +/- 3%	Dissolved Oxygen (mg/L) +/- 10%	Turbidity (NTU) < 10 NTU	ORP/eH (mv) +/- 10 mv	Comments
1255	7.34	CPM4 100	100	0	17.7	7.26	1.23	2.18	6.44	-46.2	PID: 0.0PPM
1300	7.42			0.5	17.4	7.21	1.24	1.77	6.14	-74.9	
1305	7.51			1.0	17.2	9.98	1.24	1.64	4.35	-93.4	
1310	7.62			1.5	17.0	9.83	1.20	1.48	3.56	-89.9	SAMPLE
1315	7.61			2.0	16.8	9.75	1.13	1.70	3.51	-97.4	ID
1320	7.60			2.5	16.1	9.76	1.12	1.53	2.02	-99.0	
1325	7.65			3.0	16.8	9.78	1.10	1.33	2.19	-100.7	MW2-093024-1350
1330	7.64			3.5	16.8	10.01	1.09	1.49	1.86	-103.9	
1335	7.68			4.0	16.9	10.07	1.07	1.06	1.68	-106.7	
1340	7.67			4.5	16.8	10.07	1.06	1.02	1.55	-108.7	
1345	7.68			5.0	16.8	10.06	1.06	0.95	1.69	-110.8	

Form 3010

LOW FLOW/MNA FIELD SAMPLING FORM

HALEY ALDRICH

PROJECT	Trowbridge St BCP Site - GWSE 2024	H&A FILE NO.	0200336-005
LOCATION	Rochester, NY	PROJECT MGR.	J.Szucs
CLIENT	Wm. B. Morse Lumber	FIELD REP.	K.Bartlett
CONTRACTOR	N/A	SAMPLING DATE	9 / 30 / 24

Sampling Data:

DTW Post Install: 5.48'

Well ID:	MW3 (was 8)	Well Depth:	11.98 ft	Initial Depth To Water:	8.51 ft	Purging Device:	Bladder Pump
Start time:	10:00	Depth To Top Of Screen:	5 3 ft	Depth Of Pump Intake:	~7 ft	Tubing Present In Well:	☐ Yes ☑ No
Finish Time:		Depth To Bottom Of Screen	~~15~~ 11 ft	Date Well Installed:		Tubing Type:	LDPE

Elapsed Time (24 hour)	Depth To Water From Casing (ft)	Pump Setting (ml/min) or (gal/min) DM4	Purge Rate (ml/min) or (gal/min)	Cumulative Purge Vol. (liters) or (gal)	Temp-erature (°F) or (°C) +/- 10%	pH +/- 0.1	Conduct-ivity (us/cm) +/- 3%	Dissolved Oxygen (mg/L) +/- 10%	Turbidity (NTU) < 10 NTU	ORP/eH (mv) +/- 10 mv	Comments
1005	8.86	100	100	0	18.2	7.06	1.00	9.08	72.0	-18.5	PID: 0.0 PPM
1010	8.92			0.5	18.1	7.07	1.22	8.78	40.0	-34.1	
1015	8.93			1.0	18.1	7.08	1.29	8.42	28.7	-38.1	
1020	9.05			1.5	18.1	7.11	1.31	8.10	14.5	-40.6	
1025	9.25			2.0	18.1	7.10	1.22	7.69	11.9	-48.1	→ YSI shut off, readings may
1030	9:40			2.5	18.1	7.09	1.19	7.24	9.44	-53.6	not reflect the
1035	9:58			3.0	18.0	7.08	1.14	6.81	4.92	-60.6	sampling
1040	9.72			3.5	18.0	7.08	1.12	6.55	3.55	-63.1	
1045	9.90			4.0	18.0	7.08	1.08	6.16	3.14	-66.0	
1050	10.10			4.5	18.0	7.06	1.06	5.86	2.04	-67.7	SAMPLE ID:
1055	10.25			5.0	18.0	7.28	1.05	5.12	2.65	-68.6	
1100	10.40			5.5	18.0	7.29	1.05	5.16	5.29	-70.6	MW3-093024-1120
1105	10.51			6.0	18.0	7.28	1.04	5.12	7.71	-71.0	
1110	10.63				18.0	7.28	1.05	4.90	7.72	-72.1	

Form 3010

HALEY ALDRICH

LOW FLOW/MNA FIELD SAMPLING FORM

PROJECT	Trowbridge St BCP Site - GWSE 2024	H&A FILE NO.	0200336-005
LOCATION	Rochester, NY	PROJECT MGR.	J.Szucs
CLIENT	Wm. B. Morse Lumber	FIELD REP.	K.Bartlett
CONTRACTOR	N/A	SAMPLING DATE	

Sampling Data:

Well ID:	MW-4R	Well Depth:	13.40 ft	Initial Depth To Water:	11.50 ft	Purging Device:	Bladder Pump
Start time:		Depth To Top Of Screen:	4.5 ft	Depth Of Pump Intake:	ft	Tubing Present In Well:	☐ Yes ☑ No
Finish Time:		Depth To Bottom Of Screen	13.4 ft	Date Well Installed:		Tubing Type:	LDPE

Elapsed Time (24 hour)	Depth To Water From Casing (ft)	Pump Setting (ml/min) or (gal/min)	Purge Rate (ml/min) or (gal/min)	Cumulative Purge Vol. (liters) or (gal)	Temp-erature (°F) or (°C) +/- 10%	pH +/- 0.1	Conduct-ivity (us/cm) +/- 3%	Dissolved Oxygen (mg/L) +/- 10%	Turbidity (NTU) < 10 NTU	ORP/eH (mv) +/- 10 mv	Comments
—	—	—	—	—	13.3	6.98	1.40	4.15	↓	162.2	
									overrange		
											PID: 0.0ppm
											Sample ID
											MW4R-093024-1500

LOW FLOW/MNA FIELD SAMPLING FORM

HALEY ALDRICH

PROJECT	Trowbridge St BCP Site - GWSE 2024	H&A FILE NO.	0200336-005
LOCATION	Rochester, NY	PROJECT MGR.	J.Szucs
CLIENT	Wm. B. Morse Lumber	FIELD REP.	K.Bartlett
CONTRACTOR	N/A	SAMPLING DATE	

Sampling Data: DTW post install - 8.73

Well ID:	MW-5	Well Depth:	13.25 ft	Initial Depth To Water:	9.07 ft	Purging Device:	Bladder Pump
Start time:	13:10	Depth To Top Of Screen:	4.5 ft	Depth Of Pump Intake:	13.00 ft	Tubing Present In Well:	☐ Yes ☑ No
Finish Time:		Depth To Bottom Of Screen	13.5 ft	Date Well Installed:		Tubing Type:	LDPE

Elapsed Time (24 hour)	Depth To Water From Casing (ft)	Pump Setting (ml/min) or (gal/min)	Purge Rate (ml/min) or (gal/min)	Cumulative Purge Vol. (liters) or (gal)	Temp-erature (°F) or (°C) +/- 10%	pH +/- 0.1	Conduct-ivity (us/cm) +/- 3%	Dissolved Oxygen (mg/L) +/- 10%	Turbidity (NTU) < 10 NTU	ORP/eH (mv) +/- 10 mv	Comments
1315	9.70	100	100	0	18.1	6.91	1.21	1.28	19.8	136.3	PID: 0.0 ppm
1320	10.30	〃	〃	〃	17.7	6.90	1.19	1.60	11.48	110.2	
1325	10.60	〃	〃	〃	17.6	6.87	1.20	1.42	6.14	84.9	
1330	10.89	〃	〃	〃	17.3	6.88	1.20	1.13	4.93	87.7	sample ID
1335	11.18	〃	〃	〃	17.3	6.89	1.21	1.57	5.22	91.0	
1340	11.40	〃	〃	〃	17.1	6.89	1.20	1.00	5.38	70.9	MW5-100224-0830
1345	11.61	〃	〃	〃	17.0	6.89	1.23	0.94	6.39	41.3	
	↓				16.9	6.89	1.21	2.00	10.76	49.9	FD 4444-100224-0001
	water level below pump → Stopped low flow method										
	Bailey DTW with bailer, will sample on 10/2										
											↓
											WL after removal
0925	9.10				16.0	8.94	1.15	2.45	7.46	155.4	of pump 12.59
	↓										
	10/2/24										

Form 3010

HALEY ALDRICH

LOW FLOW/MNA FIELD SAMPLING FORM

PROJECT	Trowbridge St BCP Site - GWSE 2024	H&A FILE NO.	0200336-005
LOCATION	Rochester, NY	PROJECT MGR.	J.Szucs
CLIENT	Wm. B. Morse Lumber	FIELD REP.	K.Bartlett
CONTRACTOR	N/A	SAMPLING DATE	

Sampling Data:

Well ID:	MW-7	Well Depth:	13.25 ft	Initial Depth To Water:	11.55 ft	Purging Device:	Bladder Pump
Start time:		Depth To Top Of Screen:	2.5 ft	Depth Of Pump Intake:	ft	Tubing Present In Well:	☐ Yes ☑ No
Finish Time:		Depth To Bottom Of Screen	12.5 ft	Date Well Installed:		Tubing Type:	LDPE

Elapsed Time (24 hour)	Depth To Water From Casing (ft)	Pump Setting (ml/min) or (gal/min)	Purge Rate (ml/min) or (gal/min)	Cumulative Purge Vol. (liters) or (gal)	Temp-erature (°F) or (°C) +/- 10%	pH +/- 0.1	Conduct-ivity (us/cm) +/- 3%	Dissolved Oxygen (mg/L) +/- 10%	Turbidity (NTU) < 10 NTU	ORP/eH (mv) +/- 10 mv	Comments
14:20	11.55										Not enough water to take parameters
											PID: 0.0ppm
											Sample ID
											MW1-093024-1430

Form 3010

LOW FLOW/MNA FIELD SAMPLING FORM

HALEY ALDRICH

PROJECT	Trowbridge St BCP Site - GWSE 2024	H&A FILE NO.	0200336-005
LOCATION	Rochester, NY	PROJECT MGR.	J.Szucs
CLIENT	Wm. B. Morse Lumber	FIELD REP.	K.Bartlett
CONTRACTOR	N/A	SAMPLING DATE	

Sampling Data: MW9 (~~MW-19~~) — DTW Post Install:

Well ID:	MW9 (~~MW-19~~)	Well Depth:	9.13 ft	Initial Depth To Water:	6.25 ft	Purging Device:	Bladder Pump
Start time:		Depth To Top Of Screen:	8 ft	Depth Of Pump Intake:	ft	Tubing Present In Well:	☐ Yes ☑ No
Finish Time:		Depth To Bottom Of Screen	12 ft	Date Well Installed:		Tubing Type:	LDPE

Elapsed Time (24 hour)	Depth To Water From Casing (ft)	Pump Setting (ml/min) or (gal/min)	Purge Rate (ml/min) or (gal/min)	Cumulative Purge Vol. (liters) or (gal)	Temp-erature (°F) or (°C) +/- 10%	pH +/- 0.1	Conduct-ivity (us/cm) +/- 3%	Dissolved Oxygen (mg/L) +/- 10%	Turbidity (NTU) < 10 NTU	ORP/eH (mv) +/- 10 mv	Comments
0922	—	—	—	—	19.1	7.43	0.40	10.51	12.3	159.4	Not enough water to low-flow. Will bail 3 volumes then sample.
0924					19.0	7.98	1.18	7.50	13.9	17.9	
0927					19.2	7.69	0.67	3.00	15.0	73.6	
				purged DRY, will sample on 10/2							
	10/2/24										1.88 ft water 0.3 ft = 1 well volume 0.9 ft = 3 well volumes
0903	4.69		Not enough water for parameter readings								MW9-100224-~~0930~~ 0910

Form 3010

HALEY ALDRICH

LOW FLOW/MNA FIELD SAMPLING FORM

PROJECT	Trowbridge St BCP Site - GWSE 2024	H&A FILE NO.	0200336-005
LOCATION	Rochester, NY	PROJECT MGR.	J.Szucs
CLIENT	Wm. B. Morse Lumber	FIELD REP.	K.Bartlett
CONTRACTOR	N/A	SAMPLING DATE	

Sampling Data: MW10

DTW post install: 6.92'

Well ID:	MW10	Well Depth:	11.75 ft	Initial Depth To Water:	7.46 ft	Purging Device:	Bladder Pump
Start time:	07:45	Depth To Top Of Screen:	~8 ft	Depth Of Pump Intake:	~10.00 ft	Tubing Present In Well:	☐ Yes ☑ No
Finish Time:		Depth To Bottom Of Screen	~~8~~ 12 ft	Date Well Installed:		Tubing Type:	LDPE

Elapsed Time (24 hour)	Depth To Water From Casing (ft)	Pump Setting (ml/min) or (gal/min) CPM - 4	Purge Rate (ml/min) or (gal/min)	Cumulative Purge Vol. (liters) or (gal)	Temp-erature (°F) or (°C) +/- 10%	pH +/- 0.1	Conduct-ivity (us/cm) +/- 3%	Dissolved Oxygen (mg/L) +/- 10%	Turbidity (NTU) < 10 NTU	ORP/eH (mv) +/- 10 mv	Comments
0750	8.03	100	100	0	19.2	7.31	2.32	0.44	9.89	67.7	PID: 0.0PPM
0755	9.05				19.4	7.27	2.05	0.56	11.66	61.9	
0800	9.80				19.4	7.26	2.17	0.86	36.16	58.7	Sample ID
0805	16.43				19.3	7.29	2.42	0.58	28.9	37.1	
				Stopped							~~MW10~~ MW10-100124-1220
		will let well recharge beginning at 08:20									
											Stopped low-flow purging. water levels dropping to fast which is indicative of stagnent, stored water within well. NOT replenished water
9:47	8.72										
1200	7.65										
1209					19.7	7.45	2.27	5.04	102.8	161.6	
					19.4	7.23	0.45	10.96	average	61.0	
					19.1	7.55	1.20	7.05	19.4	49.7	
											Bail 3 well volumes
											0.6g = 1 well volume
											1.9g = 3 well volumes

3010

MW4/MW4R Soil Boring Log, Well Installation Report, and Decommissioning Log

HALEY ALDRICH

GEOPROBE REPORT

Boring No. MW-4R

Project	TROWBRIDGE - FORMER MGP, ROCHESTER, NY
Client	WM. B MORSE LUMBER CO.
Contractor	SESSLER ENVIRONMENTAL SERVICES

File No. 0200336-003
Sheet No. 1 of 1
Start 15 August 2024
Finish 15 August 2024
Driller F. C
H&A Rep. K. Bartlett
Elevation
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	2.25	PP		Rig Make & Model: GEOPROBE 6011DT
Inside Diameter (in.)		1.5		Bit Type: Geoprobe Spoon
Hammer Weight (lb)		AUTO	-	Drill Mud: None
Hammer Fall (in.)		-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings (ppm)	USCS Symbol	Stratum Change Elev/Depth (ft)	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0	PUSH	G1	0.0 5.0	0.0	SM		Loose brown with black silty SAND (SM), no odor, dry, 5% coarse gravel, 15% coal, slag, ash, 5% brick	0	5	15	25	30	25				
5	PUSH	G2	5.0 10.0	0.0	SC	5.0	Loose brown clayey SAND (SC), no odor, moist, trace ash. - URBAN FILL -	0	15	10	15	35	25				
					SM		Medium dense brown to yellow-brown silty SAND with gravel (SM), no odor, moist to wet, trace organics	10	15	10	10	30	25				
10	PUSH	G3	10.0 13.5	0.0	SM	10.0	Very dense brown to yellow-brown silty SAND (SM), no odor, wet, trace organics - LACUSTRINE DEPOSITS -		15	20	10	25	30				
						13.0	Medium to moderately hard, slightly weathered, light gray, gray, fine grained, DOLOMITE LIMESTONE										
						13.5	BOTTOM OF EXPLORATION 13.5 FT										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
8/15/2024	09:40	1.50	3.40	3.5	DRY

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft) 13.5
Rock Cored (ft) 0
Samples G3

Boring No. MW-4R

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

†**Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09 W/ PID PLOG-HA-LIB09-BOS STANDARD ONLY-MARCH 2024.GLB H&A PLOG.GDT \\HALEYALDRICH.COM\SHARE\CF\PROJECTS\0200336\GINT\0200336-TB.GPJ 23 Dec 24

OBSERVATION WELL INSTALLATION REPORT

HALEY ALDRICH

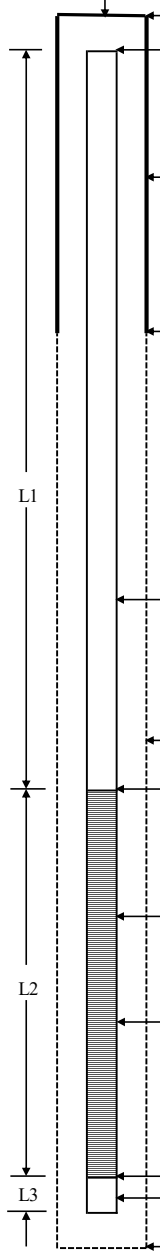
Well No.	Boring No.
MW-4R	MW-4R

PROJECT	65 Trowbridge St - BCP Site	**H&A FILE NO.**	0200336-002
LOCATION	Rpchester, New York	**PROJECT MGR.**	J. Szucs
CLIENT	Wm. B Morse Lumber Co	**FIELD REP.**	K. Bartlett
CONTRACTOR	Sessler Environmental Services	**DATE INSTALLED**	8/15/2024
DRILLER		**WATER LEVEL**	DRY

Ground El. _____ ft **Location** SEE PLAN ☐ **Guard Pipe**
El. Datum _____ ☑ **Roadway Box**

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE
	0.5
	PIPE & SEAL
FILL	1.0
	PIPE & SAND
	1.5
5.0	
	SCREEN & SAND
LACUSTRINE	
13.0	13.0
BEDROCK	FILTER SAND
13.4	**13.4**

(Bottom of Exploration)
(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock (circle one): Pent.bolt 9/16" hex. 1/2" hex. 7/10" hex.
Padlock key no._____

Height/Depth of top of guard pipe/roadway box above/below ground surface _____ ft

Height/Depth of top of riser pipe above/below ground surface _____ ft

Type of protective casing: _____
Length _____ ft
Inside Diameter _____ in

Depth of bottom of guard pipe/roadway box _____ ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	0.0	0.5
Bentonite Seal	0.5	1.5
Sand	1.5	11.4

Type of riser pipe: Schedule 40 PVC
Inside diameter of riser pipe 2.0 in
Type of backfill around riser _____

Diameter of borehole 3.0 in

Depth to top of well screen 4.5 ft

Type of screen Scheduled 40 PVC
Screen gauge or size of openings 0.0 in
Diameter of screen 2.0 in
Type of backfill around screen #1 Filter Sand

Depth of bottom of well screen 13.0 ft

Bottom of Silt trap 13.4 ft

Depth of bottom of borehole 13.4 ft

3.5 ft	+	9.5 ft	+	0.4 ft	=	13.4 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS: _____

Form 2007

WELL DECOMMISSIONING REPORT

Well No. **MW-4**

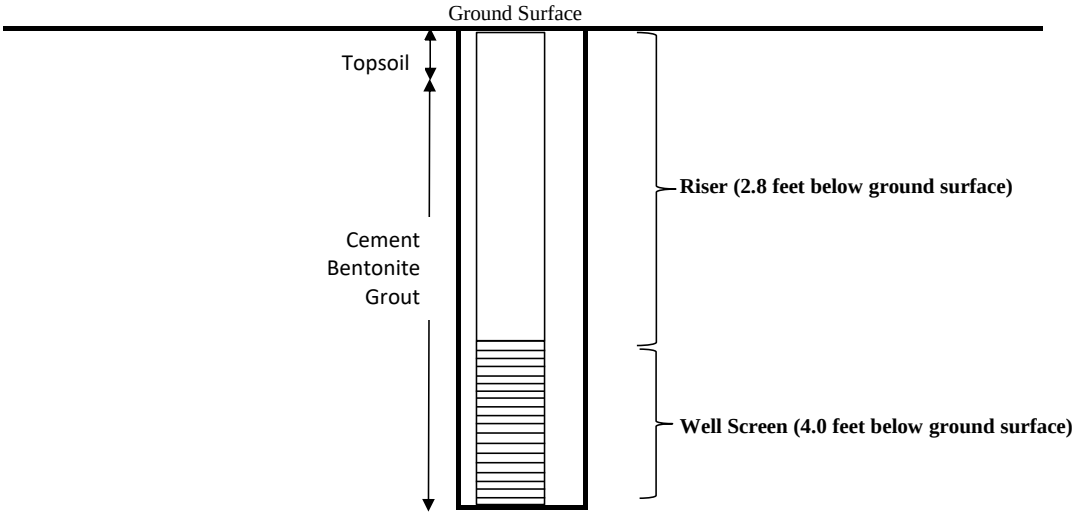
PROJECT	65 Trowbridge St - BCP Site	**H&A FILE NO.**	0200336-003
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Szucs
CLIENT	Wm. B. Morse Lumber Co.	**FIELD REP.**	K. Bartlett
CONTRACTOR	Sessler Environmental Services	**REMOVAL DATE**	6/28/2024

Well Designation	Monitoring Well MW-4
Well Diameter	2 in.
Decommissioning Technique	grout in place
Depth to Groundwater	unknown
Total Depth of Well	15.0 ft

	Cement (Lbs. - Bags*)	Additive (Lbs. - Gals.)	Water (Gals.)	Final Quantity (Gals.)
Type	1/11	30-50 Mesh Granular Bentonite		
Manufacturer	Leihigh Heidelberg Cement Group	Cetco Granular		
Quantity	95 lb	1 lb*	2 Gals.	5 Gals

***1 Bag =50 lbs**

Sketch:

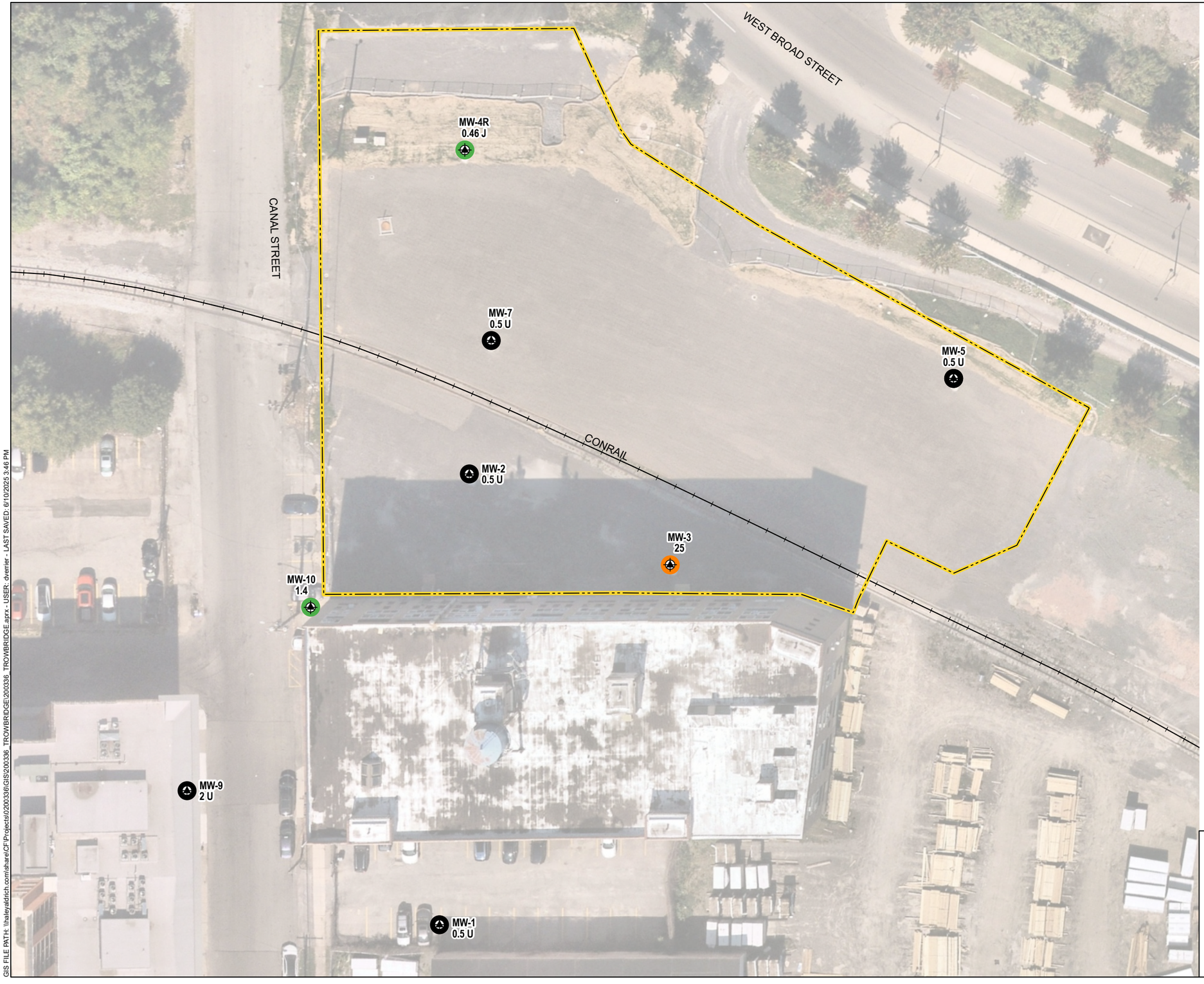


COMMENTS:

depth to water is unknown. Refusal at 6.02 ft.

PVC removed from monitoring well and grouted up to 6 inches below ground surface.

APPENDIX D
Groundwater Exceedance Posting Maps



LEGEND

- MONITORING WELL

TRICHLOROETHENE RESULTS IN MICROGRAMS PER LITER (µg/L)

- NON-DETECT
- < 5
- 5 TO 10
- 10 TO 50
- > 50
- RAILROAD
- BCP BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

2. MW-4 WAS DECOMMISSIONED IN 2024 AND REPLACED WITH MW-4R.

3. DEFINITIONS:
U = DETECTED BELOW METHOD LIMIT
J= ESTIMATED RESULT

4. DETECTED RESULTS WERE SCREENED AGAINST NEW YORK STATE TOGS 1.1.1 GLASS GA AMBIENT WATER QUALITY STANDARD AND GUIDANCE VALUES.

5. TRICHLOROETHENE STANDARD VALUE = 5 µg/L

6. RESULTS ARE SHOWN IN µg/L

7. SAMPLES WERE COLLECTED IN SEPTEMBER AND OCTOBER 2024 AFTER IRM CONSTRUCTION WAS COMPLETED.

8. AERIAL IMAGERY SOURCE = NEARMAP, SEPTEMBER 5, 2024

N

0 40 80
SCALE IN FEET

HALEY ALDRICH

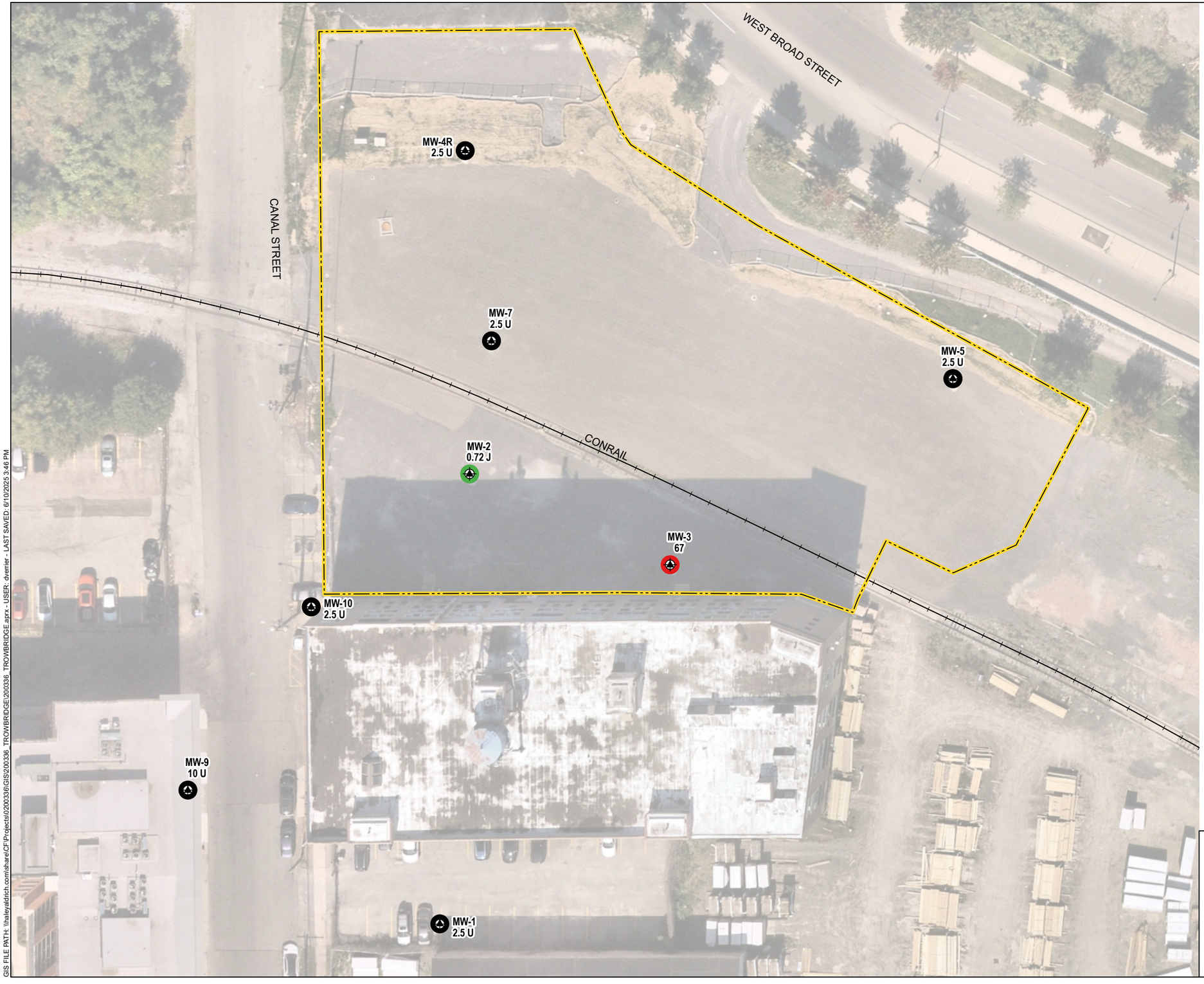
WMB MORSE LUMBER
65 TRWOBRIDGE STREET
ROCHESTER, NEW YORK

TRICHLOROETHENE POSTING MAP 2024

JUNE 2025

FIGURE 1

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dvertier - LAST SAVED: 6/10/2025 3:46 PM



LEGEND

- MONITORING WELL

cis-1,2-DICHLOROETHENE RESULTS IN MICROGRAMS PER LITER (µg/L)

- NON-DETECT
- < 5
- 5 TO 10
- 10 TO 50
- > 50
- RAILROAD
- BCP BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

2. MW-4 WAS DECOMMISSIONED IN 2024 AND REPLACED WITH MW-4R.

3. DEFINITIONS:
U = DETECTED BELOW METHOD LIMIT
J= ESTIMATED RESULT

4. DETECTED RESULTS WERE SCREENED AGAINST NEW YORK STATE TOGS 1.1.1 GLASS GA AMBIENT WATER QUALITY STANDARD AND GUIDANCE VALUES.

5. CIS-1,2-DICHLOROETHENE STANDARD VALUE = 5 µg/L

6. RESULTS ARE SHOWN IN µg/L

7. SAMPLES WERE COLLECTED IN SEPTEMBER AND OCTOBER 2024 AFTER IRM CONSTRUCTION WAS COMPLETED.

8. AERIAL IMAGERY SOURCE = NEARMAP, SEPTEMBER 5, 2024

N

0 40 80
SCALE IN FEET

HALEY ALDRICH

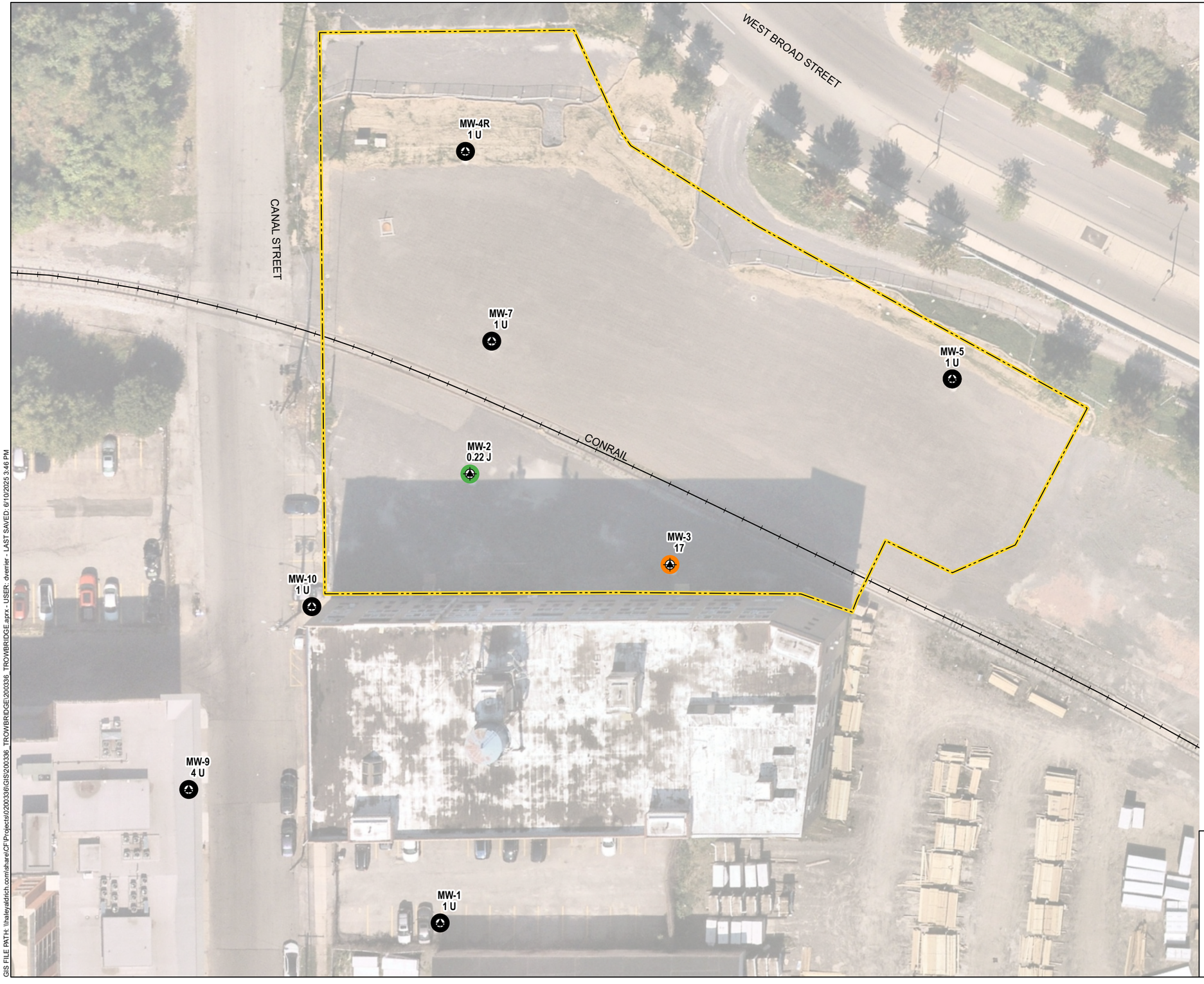
WMB MORSE LUMBER
65 TRWOBRIDGE STREET
ROCHESTER, NEW YORK

CIS-1,2-DICHLOROETHENE POSTING MAP 2024

JUNE 2025

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dverrier - LAST SAVED: 6/10/2025 3:46 PM



LEGEND

- MONITORING WELL

VINYL CHLORIDE RESULTS IN MICROGRAMS PER LITER (µg/L)

- NON-DETECT
- < 2
- 2 TO 10
- 10 TO 50
- > 50
- RAILROAD
- BCP BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. MW-4 WAS DECOMMISSIONED IN 2024 AND REPLACED WITH MW-4R.
3. DEFINITIONS:
   U = DETECTED BELOW METHOD LIMIT
   J= ESTIMATED RESULT
4. DETECTED RESULTS WERE SCREENED AGAINST NEW YORK STATE TOGS 1.1.1 GLASS GA AMBIENT WATER QUALITY STANDARD AND GUIDANCE VALUES.
5. VINYL CHLORIDE STANDARD VALUE = 2 µg/L
6. RESULTS ARE SHOWN IN µg/L
7. SAMPLES WERE COLLECTED IN SEPTEMBER AND OCTOBER 2024 AFTER IRM CONSTRUCTION WAS COMPLETED.
8. AERIAL IMAGERY SOURCE = NEARMAP, SEPTEMBER 5, 2024

N

0 40 80
SCALE IN FEET

HALEY ALDRICH

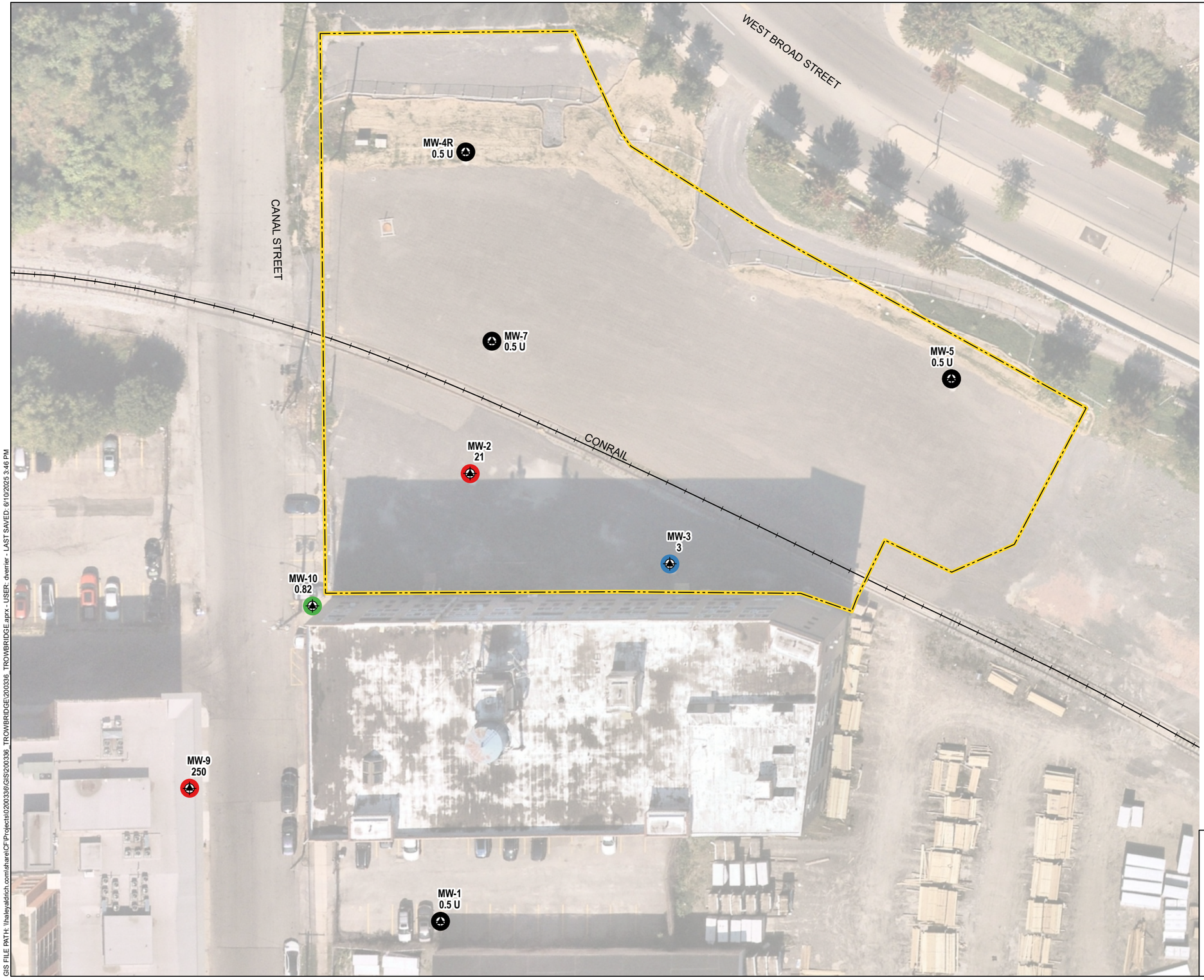
WMB MORSE LUMBER
65 TRWOBRIDGE STREET
ROCHESTER, NEW YORK

VINYL CHLORIDE POSTING MAP 2024

JUNE 2025

FIGURE 3

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dvertier - LAST SAVED: 6/10/2025 3:46 PM



LEGEND

- MONITORING WELL

BENZENE RESULTS IN MICROGRAMS PER LITER (µg/L)

- NON-DETECT
- < 11
- 1 TO 10
- 10 TO 20
- > 20
- RAILROAD
- BCP BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. MW-4 WAS DECOMMISSIONED IN 2024 AND REPLACED WITH MW-4R.
3. U = DETECTED BELOW METHOD LIMIT
4. DETECTED RESULTS WERE SCREENED AGAINST NEW YORK STATE TOGS 1.1.1 GLASS GA AMBIENT WATER QUALITY STANDARD AND GUIDANCE VALUES.
5. BENZENE STANDARD VALUE = 1 µg/L
6. RESULTS ARE SHOWN IN µg/L
7. SAMPLES WERE COLLECTED IN SEPTEMBER AND OCTOBER 2024 AFTER IRM CONSTRUCTION WAS COMPLETED.
8. AERIAL IMAGERY SOURCE = NEARMAP, SEPTEMBER 5, 2024

N

0 40 80

SCALE IN FEET

HALEY ALDRICH

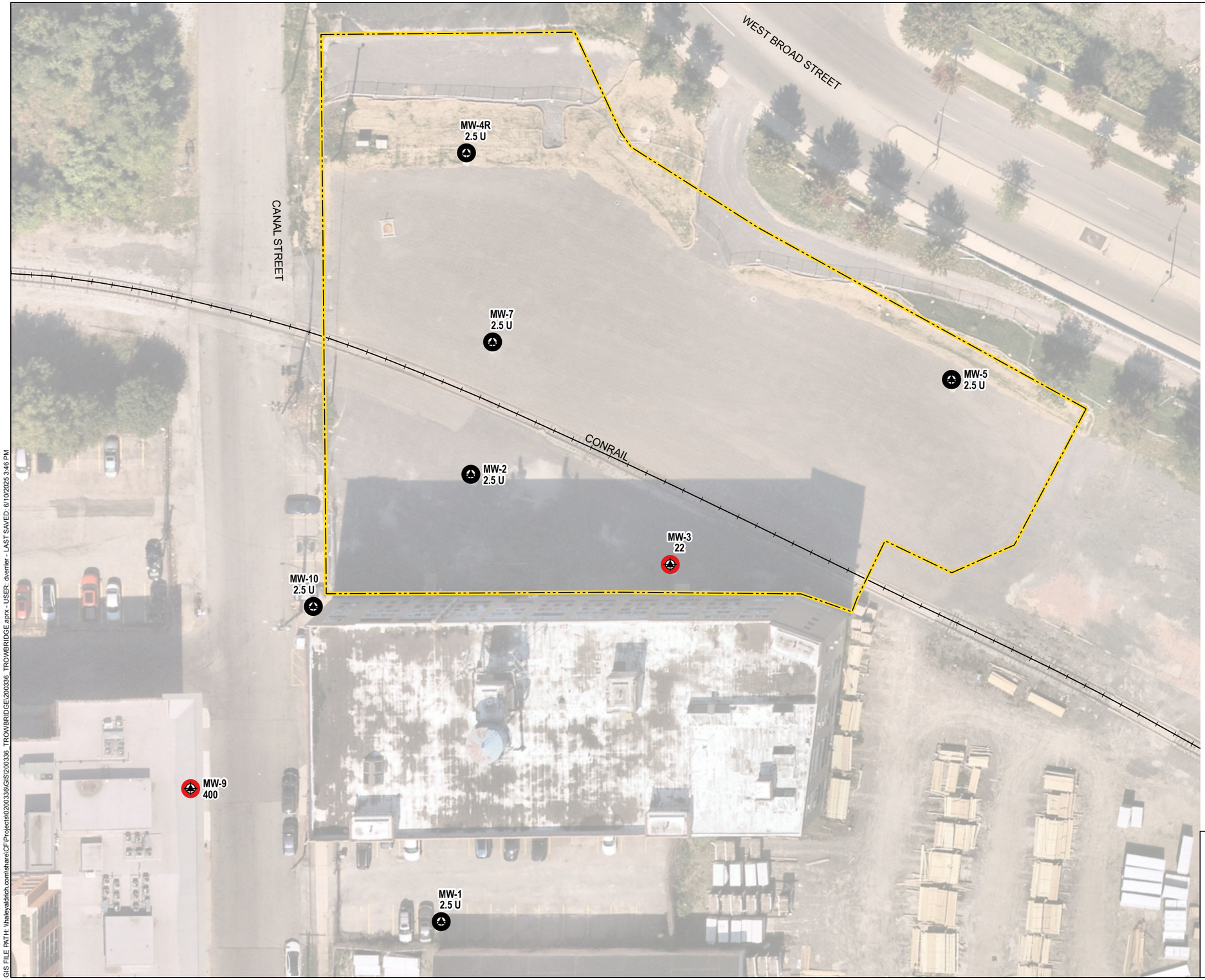
WMB MORSE LUMBER
65 TRWOBRIDGE STREET
ROCHESTER, NEW YORK

BENZENE POSTING MAP 2024

JUNE 2025

FIGURE 4

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dverrier - LAST SAVED: 6/10/2025 3:46 PM



LEGEND

- MONITORING WELL

ETHYLBENZENE RESULTS IN MICROGRAMS PER LITER (µg/L)

- NON-DETECT
- < 2
- 5 TO 10
- 10 TO 20
- > 20
- RAILROAD
- BCP BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. MW-4 WAS DECOMMISSIONED IN 2024 AND REPLACED WITH MW-4R.
3. U = DETECTED BELOW METHOD LIMIT
4. DETECTED RESULTS WERE SCREENED AGAINST NEW YORK STATE TOGS 1.1.1 GLASS GA AMBIENT WATER QUALITY STANDARD AND GUIDANCE VALUES.
5. ETHYLBENZENE STANDARD VALUE = 5 µg/L
6. RESULTS ARE SHOWN IN µg/L
7. 2024 SAMPLES COLLECTED AFTER IRM CONDUCTED DURING SEPTEMBER TO OCTOBER 2024.
8. AERIAL IMAGERY SOURCE = NEARMAP, SEPTEMBER 5, 2024

N

0 40 80
SCALE IN FEET

HALEY ALDRICH

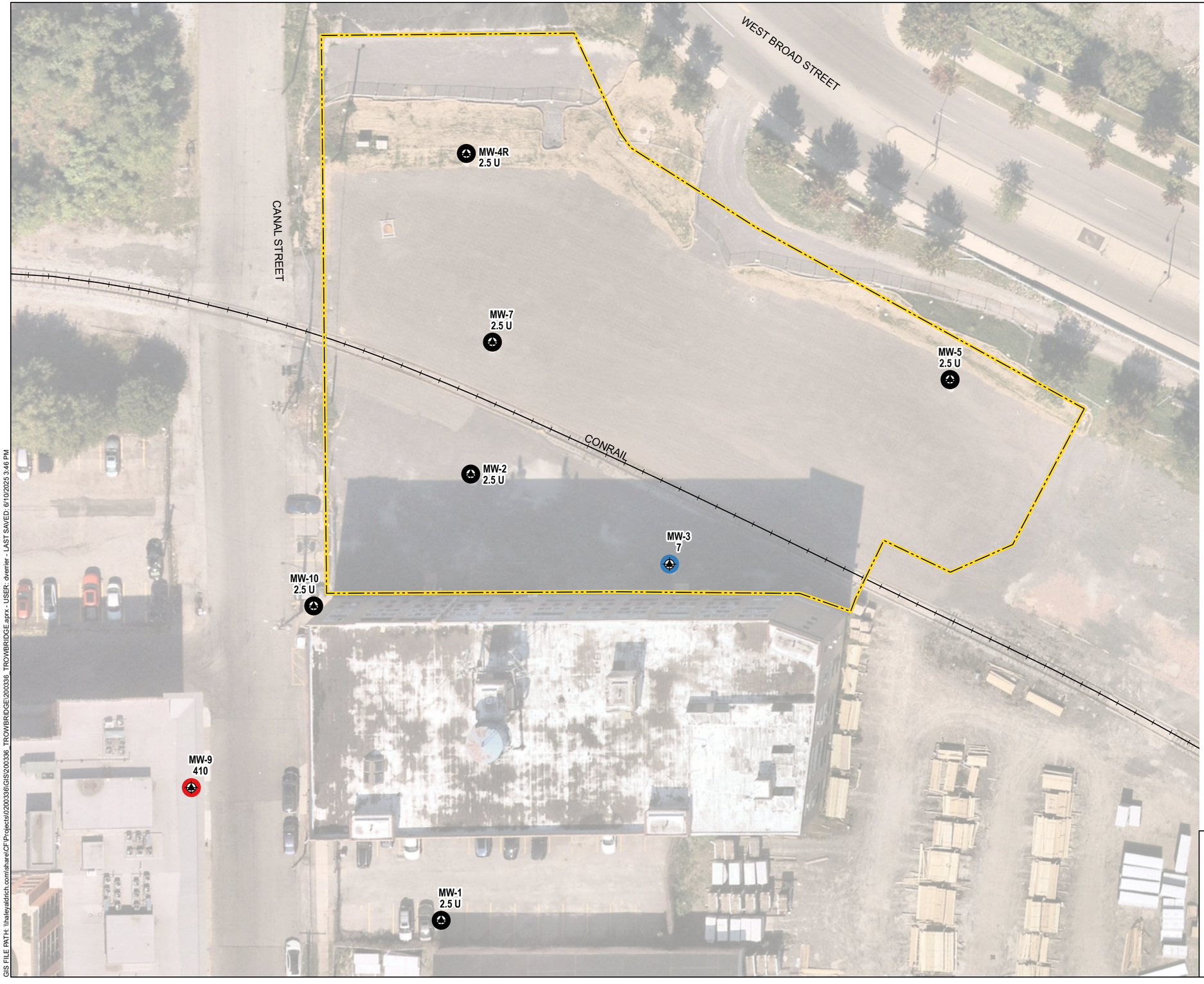
WMB MORSE LUMBER
65 TRWOBRIDGE STREET
ROCHESTER, NEW YORK

ETHYLBENZENE POSTING MAP 2024

JUNE 2025

FIGURE 5

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dverrier - LAST SAVED: 6/10/2025 3:46 PM



LEGEND

- MONITORING WELL

M,P-XYLENES RESULTS IN MICROGRAMS PER LITER (µg/L)

- NON-DETECT
- < 5
- 5 TO 10
- 10 TO 20
- > 20
- RAILROAD
- BCP BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. MW-4 WAS DECOMMISSIONED IN 2024 AND REPLACED WITH MW-4R.
3. U = DETECTED BELOW METHOD LIMIT
4. DETECTED RESULTS WERE SCREENED AGAINST NEW YORK STATE TOGS 1.1.1 GLASS GA AMBIENT WATER QUALITY STANDARD AND GUIDANCE VALUES.
5. M,P-XYLENES STANDARD VALUE = 5 µg/L
6. RESULTS ARE SHOWN IN µg/L
7. SAMPLES WERE COLLECTED IN SEPTEMBER AND OCTOBER 2024 AFTER IRM CONSTRUCTION WAS COMPLETED.
8. AERIAL IMAGERY SOURCE = NEARMAP, SEPTEMBER 5, 2024

N

0 40 80
SCALE IN FEET

HALEY ALDRICH

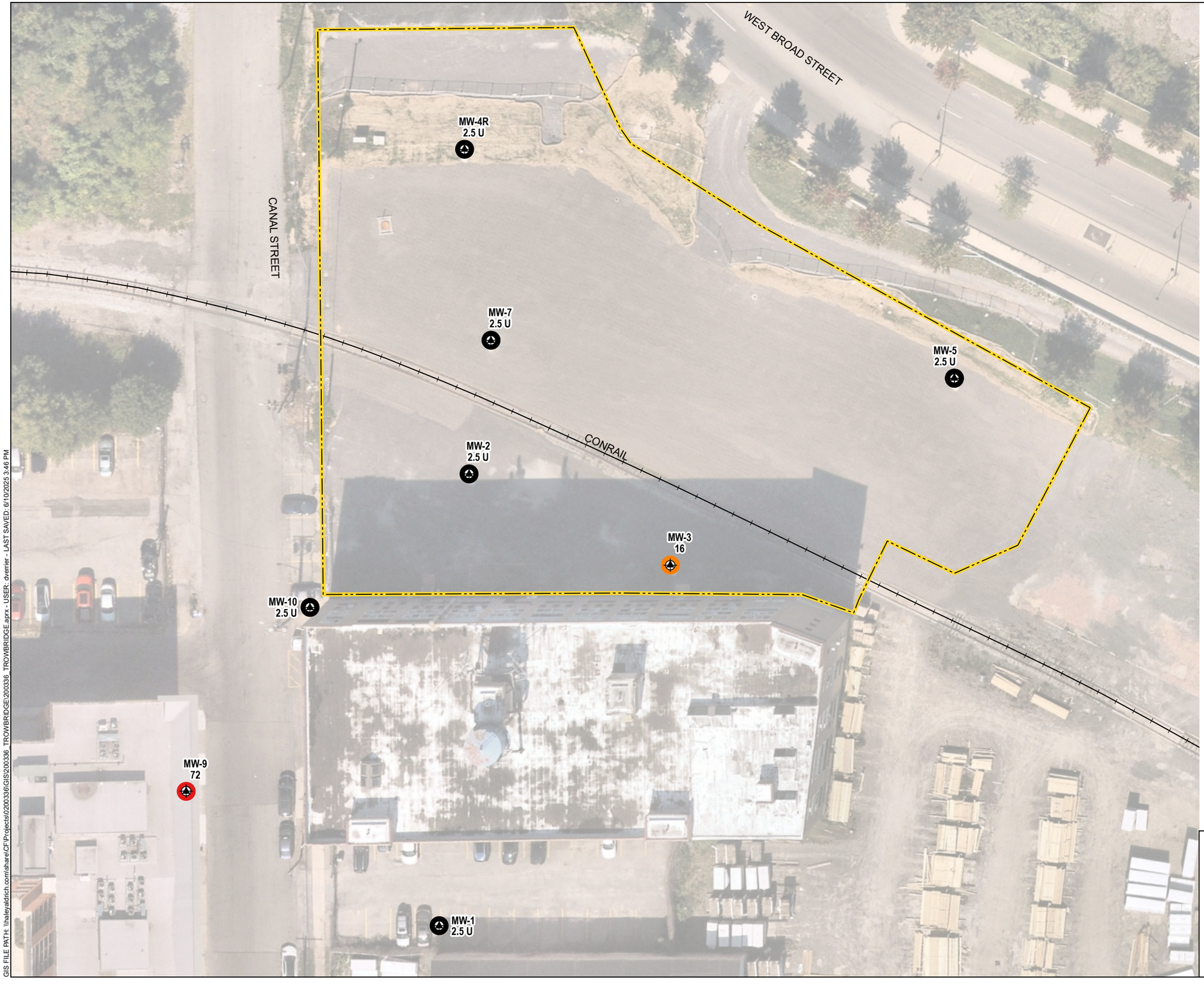
WMB MORSE LUMBER
65 TRWOBRIDGE STREET
ROCHESTER, NEW YORK

M,P-XYLENES POSTING MAP 2024

JUNE 2025

FIGURE 6

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dwertier - LAST SAVED: 6/10/2025 3:46 PM



LEGEND

- MONITORING WELL

O-XYLENE RESULTS IN MICROGRAMS PER LITER (µg/L)

- NON-DETECT
- < 5
- 5 TO 10
- 10 TO 20
- > 20
- RAILROAD
- BCP BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. MW-4 WAS DECOMMISSIONED IN 2024 AND REPLACED WITH MW-4R.
3. U = DETECTED BELOW METHOD LIMIT
4. DETECTED RESULTS WERE SCREENED AGAINST NEW YORK STATE TOGS 1.1.1 GLASS GA AMBIENT WATER QUALITY STANDARD AND GUIDANCE VALUES.
5. O-XYLENE GUIDANCE VALUE = 5 µg/L
6. RESULTS ARE SHOWN IN µg/L
7. SAMPLES WERE COLLECTED IN SEPTEMBER AND OCTOBER 2024 AFTER IRM CONSTRUCTION WAS COMPLETED.
8. AERIAL IMAGERY SOURCE = NEARMAP, SEPTEMBER 5, 2024

N

0 40 80
SCALE IN FEET

HALEY ALDRICH

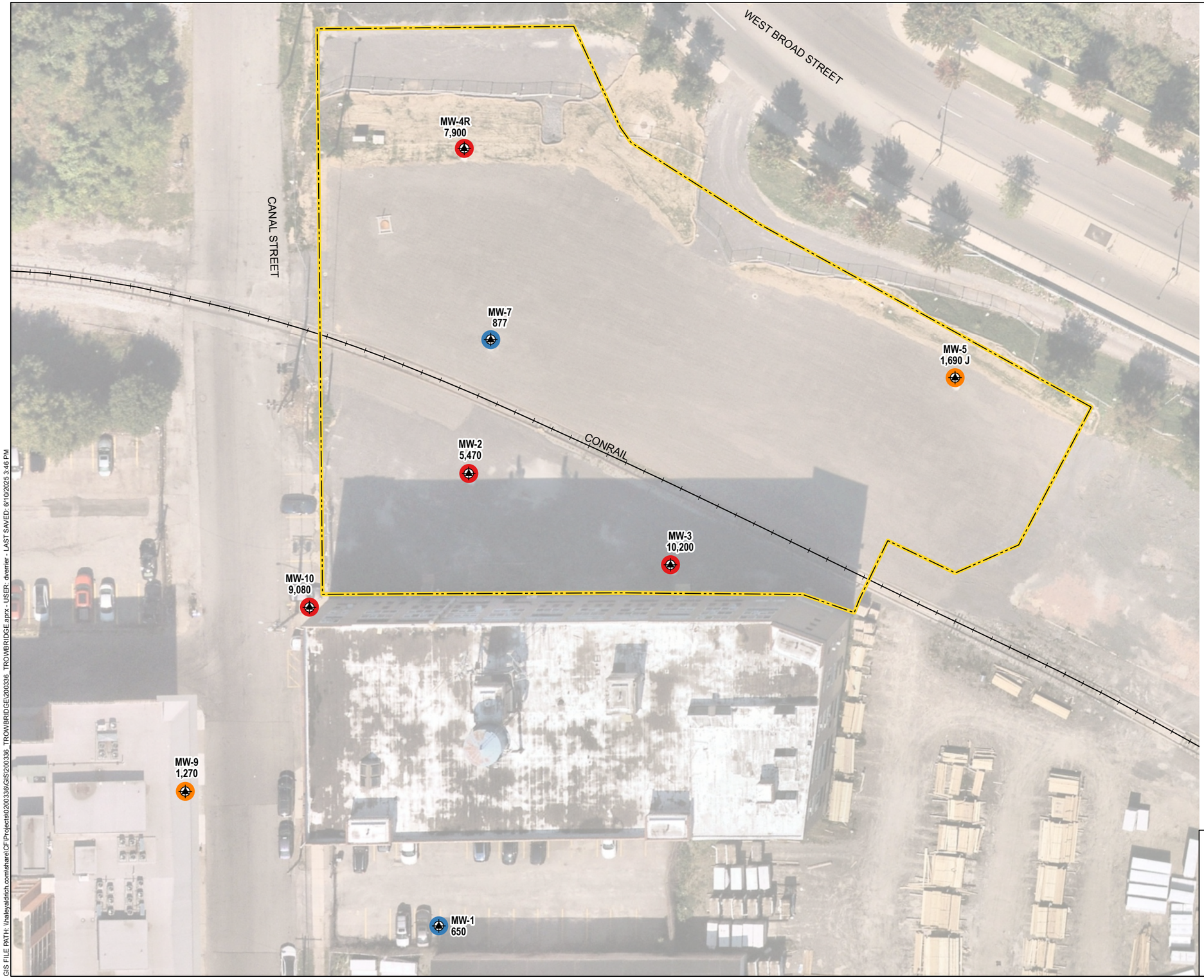
WMB MORSE LUMBER
65 TRWOBRIDGE STREET
ROCHESTER, NEW YORK

O-XYLENE POSTING MAP 2024

JUNE 2025

FIGURE 7

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dverrier - LAST SAVED: 6/10/2025 3:46 PM



LEGEND

- MONITORING WELL

IRON RESULTS IN MICROGRAMS PER LITER (µg/L)

- NON-DETECT
- < 300
- 300 TO 1,000
- 1,000 TO 5,000
- > 5,000
- RAILROAD
- BCP BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. MW-4 WAS DECOMMISSIONED IN 2024 AND REPLACED WITH MW-4R.
3. J= ESTIMATED RESULT
4. DETECTED RESULTS WERE SCREENED AGAINST NEW YORK STATE TOGS 1.1.1 GLASS GA AMBIENT WATER QUALITY STANDARD AND GUIDANCE VALUES.
5. IRON STANDARD VALUE = 300 µg/L
6. RESULTS ARE SHOWN IN µg/L
7. SAMPLES WERE COLLECTED IN SEPTEMBER AND OCTOBER 2024 AFTER IRM CONSTRUCTION WAS COMPLETED.
8. AERIAL IMAGERY SOURCE = NEARMAP, SEPTEMBER 5, 2024

N

0 40 80
SCALE IN FEET

HALEY ALDRICH

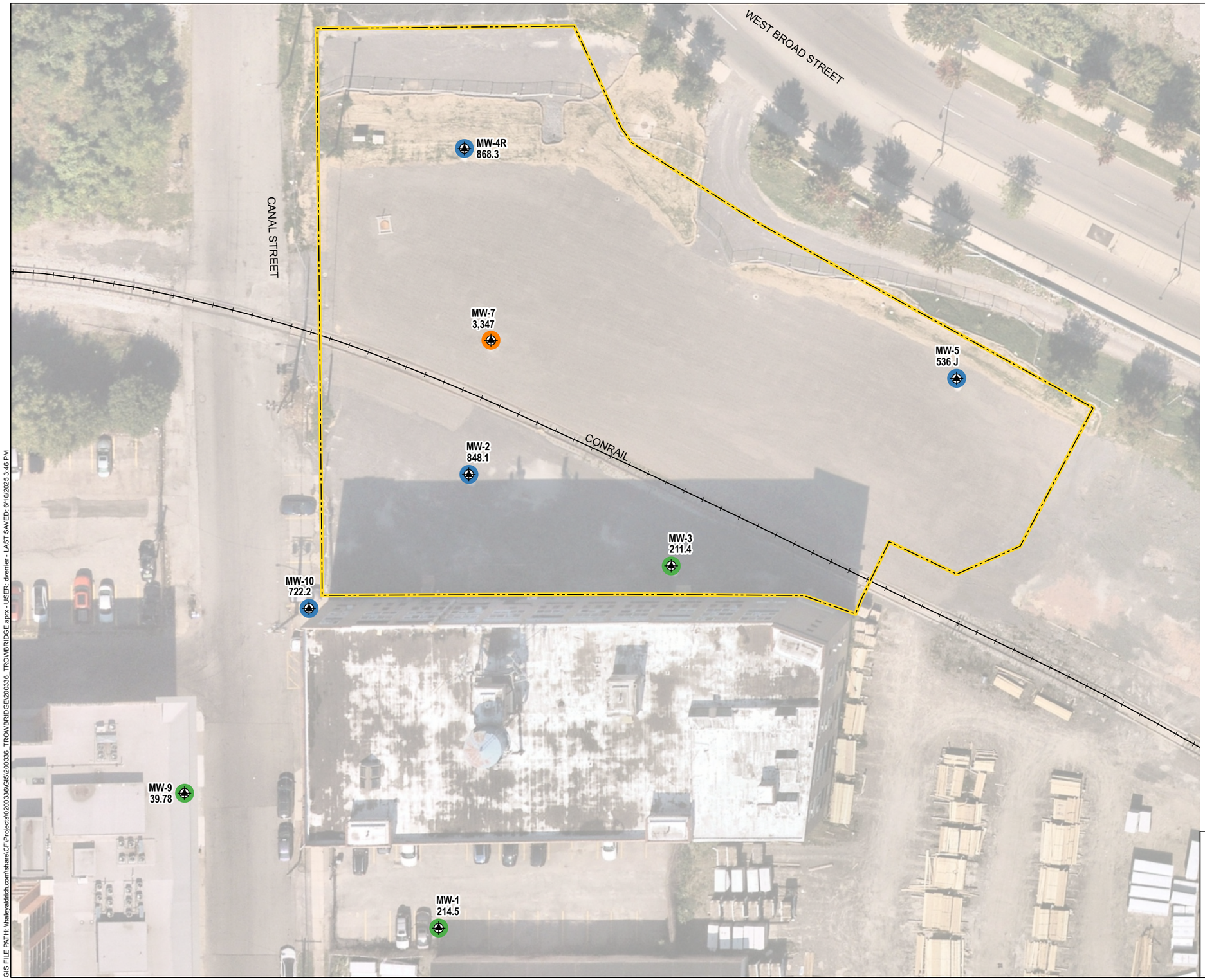
WMB MORSE LUMBER
65 TRWOBRIDGE STREET
ROCHESTER, NEW YORK

IRON POSTING MAP 2024

JUNE 2025

FIGURE 8

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dverrier - LAST SAVED: 6/10/2025 3:46 PM



LEGEND

- MONITORING WELL

MANGANESE RESULTS IN MICROGRAMS PER LITER (µg/L)

- NON-DETECT
- < 300
- 300 TO 1,000
- 1,000 TO 5,000
- > 5,000
- RAILROAD
- BCP BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. MW-4 WAS DECOMMISSIONED IN 2024 AND REPLACED WITH MW-4R.
3. J= ESTIMATED RESULT
4. DETECTED RESULTS WERE SCREENED AGAINST NEW YORK STATE TOGS 1.1.1 GLASS GA AMBIENT WATER QUALITY STANDARD AND GUIDANCE VALUES.
5. MANGANESE STANDARD VALUE = 300 µg/L
6. RESULTS ARE SHOWN IN µg/L
7. SAMPLES WERE COLLECTED IN SEPTEMBER AND OCTOBER 2024 AFTER IRM CONSTRUCTION WAS COMPLETED.
8. AERIAL IMAGERY SOURCE = NEARMAP, SEPTEMBER 5, 2024

N

0 40 80

SCALE IN FEET

HALEY ALDRICH

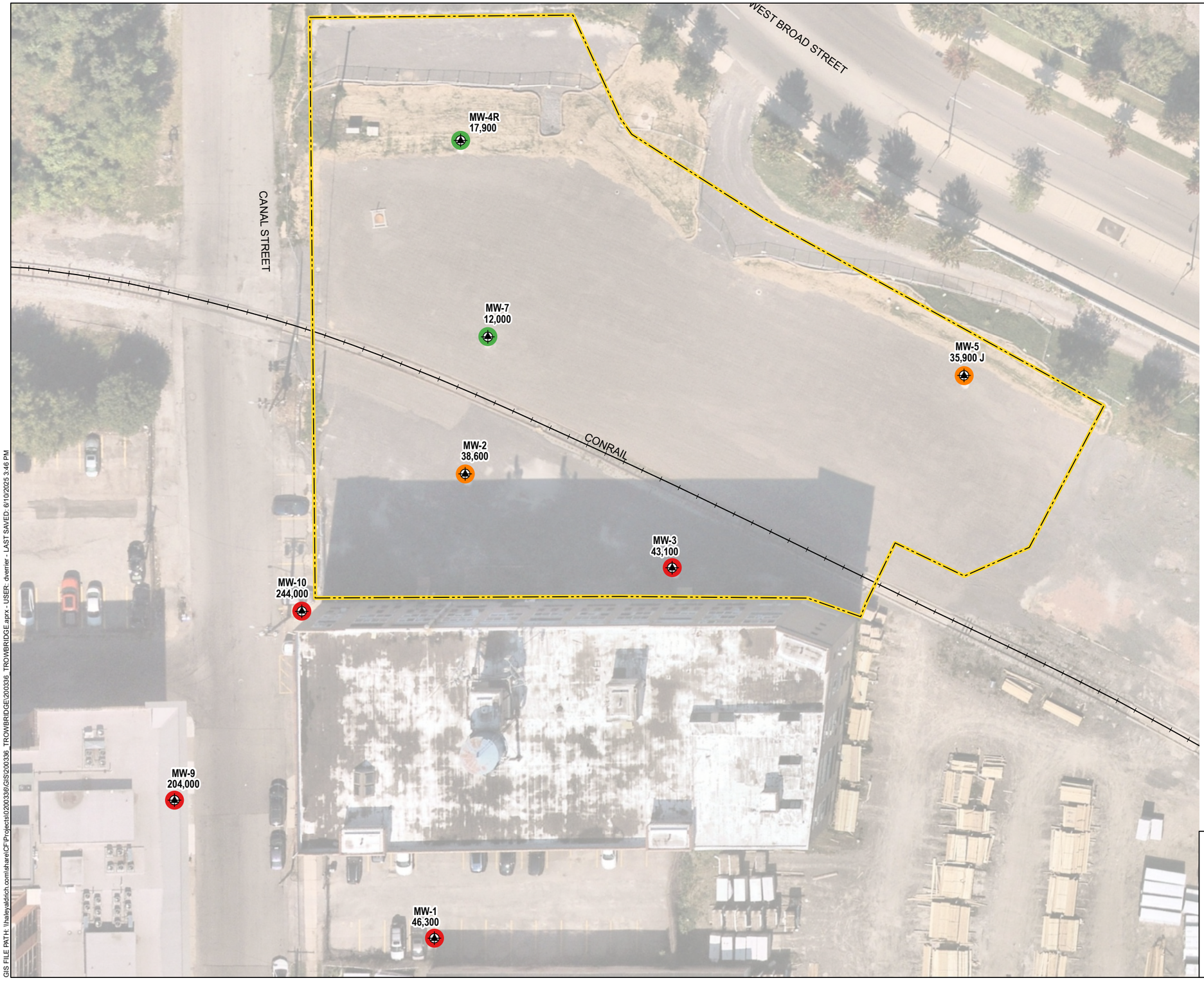
WMB MORSE LUMBER
65 TRWOBRIDGE STREET
ROCHESTER, NEW YORK

MANGANESE POSTING MAP 2024

JUNE 2025

FIGURE 9

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dverrier - LAST SAVED: 6/10/2025 3:46 PM



LEGEND

- MONITORING WELL

SODIUM RESULTS IN MICROGRAMS PER LITER (µg/L)

- NON-DETECT
- < 20,000
- 20,000 TO 30,000
- 30,000 TO 40,000
- > 40,000
- RAILROAD
- BCP BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. MW-4 WAS DECOMMISSIONED IN 2024 AND REPLACED WITH MW-4R.
3. DETECTED RESULTS WERE SCREENED AGAINST NEW YORK STATE TOGS 1.1.1 GLASS GA AMBIENT WATER QUALITY STANDARD AND GUIDANCE VALUES.
4. SODIUM GUIDANCE VALUE = 20,000 µg/L
5. RESULTS ARE SHOWN IN µg/L
6. SAMPLES WERE COLLECTED IN SEPTEMBER AND OCTOBER 2024 AFTER IRM CONSTRUCTION WAS COMPLETED.
7. AERIAL IMAGERY SOURCE = NEARMAP, SEPTEMBER 5, 2024

N

0 40 80
SCALE IN FEET

HALEY ALDRICH

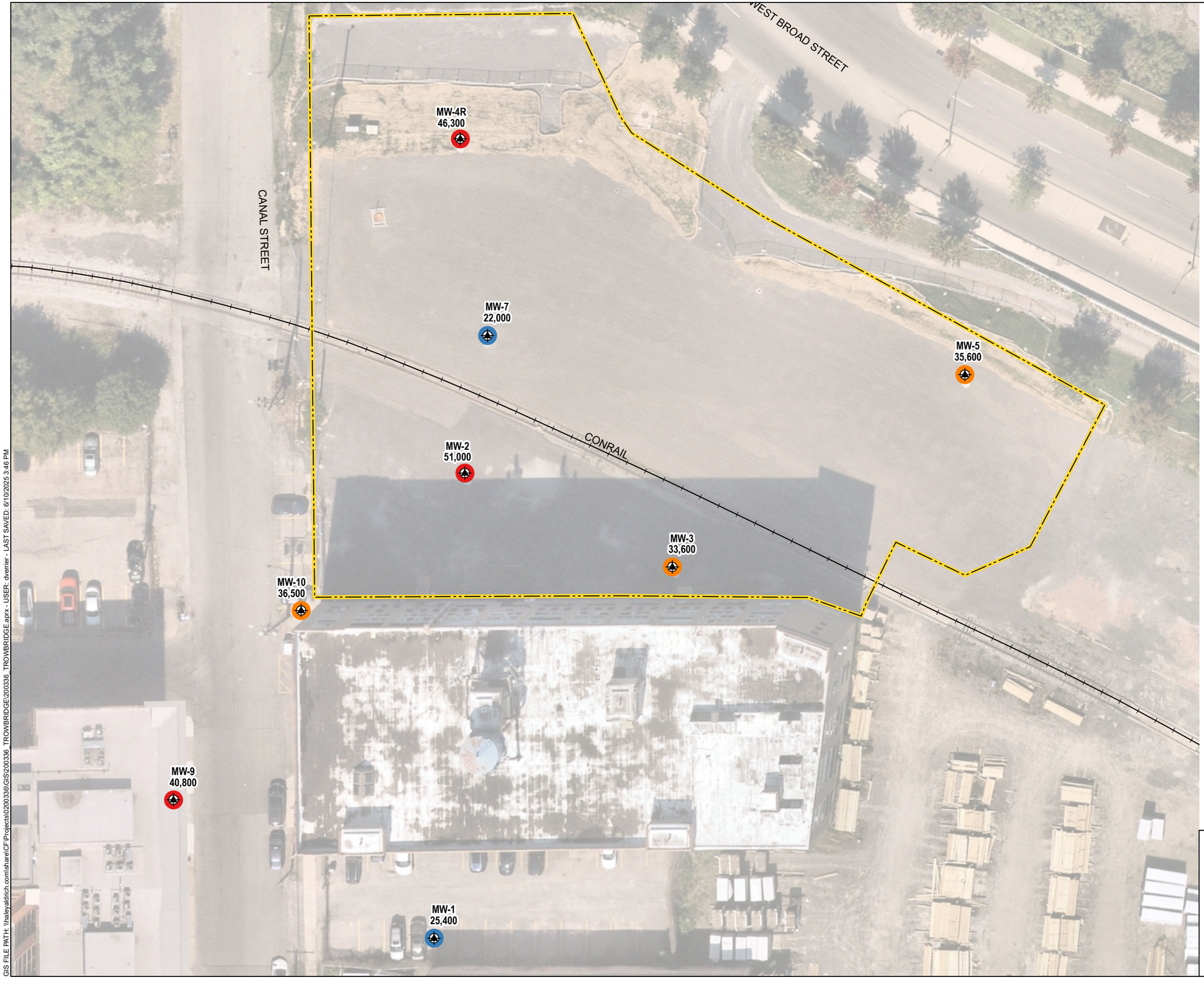
WMB MORSE LUMBER
65 TRWOBRIDGE STREET
ROCHESTER, NEW YORK

SODIUM POSTING MAP 2024

JUNE 2025

FIGURE 10

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dverrier - LAST SAVED: 6/10/2025 3:46 PM



LEGEND

- MONITORING WELL

MAGNESIUM RESULTS IN MICROGRAMS PER LITER (µg/L)

- NON-DETECT
- < 20,000
- 20,000 TO 30,000
- 30,000 TO 40,000
- > 40,000
- RAILROAD
- BCP BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. MW-4 WAS DECOMMISSIONED IN 2024 AND REPLACED WITH MW-4R.
3. DETECTED RESULTS WERE SCREENED AGAINST NEW YORK STATE TOGS 1.1.1 GLASS GA AMBIENT WATER QUALITY STANDARD AND GUIDANCE VALUES.
4. MAGNESIUM GUIDANCE VALUE = 35,000 µg/L
5. RESULTS ARE SHOWN IN µg/L
6. SAMPLES WERE COLLECTED IN SEPTEMBER AND OCTOBER 2024 AFTER IRM CONSTRUCTION WAS COMPLETED.
7. AERIAL IMAGERY SOURCE = NEARMAP, SEPTEMBER 5, 2024

N

0 40 80
SCALE IN FEET

HALEY ALDRICH

WMB MORSE LUMBER
65 TRWOBRIDGE STREET
ROCHESTER, NEW YORK

MAGNESIUM POSTING MAP 2024

JUNE 2025

FIGURE 11

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\0200336\GIS\200336_TROWBRIDGE\200336_TROWBRIDGE.aprx - USER: dverrier - LAST SAVED: 6/10/2025 3:46 PM

APPENDIX E
Laboratory Data

ANALYTICAL REPORT

Lab Number:	L2138200
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Santa McKenna
Phone:	(585) 321-4238
Project Name:	TROWBRIDGE GW SAMPLING
Project Number:	0200336-008 001 01
Report Date:	07/30/21

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

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

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

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2138200-01	4125-071321-0001	WATER	ROCHESTER, NY	07/13/21 00:00	07/15/21
L2138200-02	4125-071321-1255	WATER	ROCHESTER, NY	07/13/21 12:55	07/15/21
L2138200-03	4125-071321-1530	WATER	ROCHESTER, NY	07/13/21 15:30	07/15/21
L2138200-04	4125-071321-1700	WATER	ROCHESTER, NY	07/13/21 17:00	07/15/21
L2138200-05	4125-071421-1020	WATER	ROCHESTER, NY	07/14/21 10:20	07/15/21
L2138200-06	4125-071421-1240	WATER	ROCHESTER, NY	07/14/21 12:40	07/15/21
L2138200-07	4125-071421-0001	WATER	ROCHESTER, NY	07/14/21 00:00	07/15/21
L2138200-08	4125-071521-0001	WATER	ROCHESTER, NY	07/15/21 00:00	07/15/21
L2138200-09	4125-071521-0815	WATER	ROCHESTER, NY	07/15/21 08:15	07/15/21
L2138200-10	4125-071521-1030	WATER	ROCHESTER, NY	07/15/21 10:30	07/15/21
L2138200-11	4125-071521-0002	WATER	ROCHESTER, NY	07/15/21 12:30	07/15/21
L2138200-12	4125-071521-0003	WATER	ROCHESTER, NY	07/15/21 11:00	07/15/21

Project Name:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

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:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

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.

The Metals analyses were 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.

Sample Receipt

L2138200-06 and -07: Two containers for Subcontracted Dissolved Metals were received labelled as "4125-071421-1240", and a container for Subcontracted Dissolved Metals for "4125-071421-0001" was not received. At the client's request, the sample containers were assigned randomly and analyzed.

Volatile Organics

L2138200-09D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1527695-6/-7 MS/MSD recoveries, performed on L2138200-09, are outside the acceptance criteria for ethylbenzene (MSD 40%) and 2-butanone (172%/166%); however, the associated LCS/LCSD recoveries are within overall method allowances. No further action was required.

Semivolatile Organics

The WG1525059-2/-3 LCS/LCSD RPD, associated with L2138200-02 through -07, -09, -10, and -11, is above the acceptance criteria for 4-chloroaniline (37%).

The WG1525934-2 LCS recoveries, associated with L2138200-12, are below the individual acceptance criteria for bis(2-chloroethyl)ether (38%), bis(2-chloroisopropyl)ether (36%), isophorone (38%), 4-chloroaniline (24%), and benzaldehyde (37%), but within the overall method allowances. The results of the associated sample are reported.

The WG1525934-2/-3 LCS/LCSD RPDs, associated with L2138200-12, are above the acceptance criteria for

Project Name:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

Case Narrative (continued)

bis(2-chloroethyl)ether (54%), 2,4-dinitrotoluene (35%), 2,6-dinitrotoluene (35%), 4-chlorophenyl phenyl ether (41%), 4-bromophenyl phenyl ether (35%), bis(2-chloroisopropyl)ether (59%), bis(2-chloroethoxy)methane (54%), hexachlorocyclopentadiene (60%), isophorone (54%), nitrobenzene (51%), nitrosodiphenylamine(ndpa)/dpa (34%), n-nitrosodi-n-propylamine (53%), dimethyl phthalate (32%), biphenyl (50%), 4-chloroaniline (50%), 2-nitroaniline (40%), dibenzofuran (48%), 1,2,4,5-tetrachlorobenzene (53%), acetophenone (53%), 2,4,6-trichlorophenol (47%), p-chloro-m-cresol (41%), 2-chlorophenol (52%), 2,4-dichlorophenol (54%), 2,4-dimethylphenol (58%), 2-nitrophenol (55%), phenol (46%), 2-methylphenol (52%), 3-methylphenol/4-methylphenol (52%), 2,4,5-trichlorophenol (38%), benzaldehyde (55%), and 2,3,4,6-tetrachlorophenol (34%).

The WG1525059-4/-5 MS/MSD recoveries, performed on L2138200-09, are outside the acceptance criteria for 3,3'-dichlorobenzidine (11%/17%), nitrobenzene (150%/180%), 4-chloroaniline (34%/32%), 4-nitroaniline (MS 49%), acetophenone (190%/230%), 4-nitrophenol (99%/100%), and phenol (180%/210%). The MS/MSD RPD is outside the acceptance criteria for 3,3'-dichlorobenzidine (40%).

The WG1525059-4/-5 MS/MSD recoveries, performed on L2138200-09, are below the acceptance criteria for benzaldehyde (0%/0%) and caprolactam (0%/0%) due to the concentrations of these compounds in the MS/MSD falling below the reported detection limits.

Semivolatile Organics by SIM

L2138200-02, -03, -04, and -09D: The surrogate recovery is outside the individual acceptance criteria for 2,4,6-tribromophenol (154%, 151%, 144%, and 157%, respectively), but within the overall method allowances. The results of the original analysis are reported.

L2138200-09D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

WG1525060-1: The surrogate recovery is above the acceptance criteria for 2,4,6-tribromophenol (122%). Since the blank was non-detect for all target analytes, re-analysis was not required.

The surrogate recoveries for the WG1525060-2/-3 LCS/LCSD, associated with L2138200-02 through -07, -09D, -10, and -11, are outside the acceptance criteria for 2,4,6-tribromophenol (138%/148%). The LCS spike

Project Name:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

Case Narrative (continued)

compounds are within overall method allowances; therefore, no further action was taken.
The WG1525060-4/-5 MS/MSD recoveries, performed on L2138200-09, are outside the acceptance criteria for naphthalene (0%/0%) and 2-methylnaphthalene (0%/6%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.
The WG1525060-4/-5 MS/MSD recoveries, performed on L2138200-09, are outside the acceptance criteria for pentachlorophenol (150%/160%) and hexachloroethane (180%/220%).
The surrogate recoveries for the WG1525060-4/-5 MS/MSD, performed on L2138200-09, are outside the acceptance criteria for 2,4,6-tribromophenol (153%/170%) and nitrobenzene-d5 (MSD 131%).

Perfluorinated Alkyl Acids by Isotope Dilution
L2138200-04 through -07 and -11: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA Surrogate (Extracted Internal Standard).
L2138200-04 through -07, WG1525651-3, and WG1525651-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

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

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 07/30/21

ORGANICS

VOLATILES

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-01
Client ID: 4125-071321-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 09:36
Analyst: LAC

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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-01 Date Collected: 07/13/21 00:00

Client ID: 4125-071321-0001 Date Received: 07/15/21

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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	104		70-130

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-02
Client ID: 4125-071321-1255
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 12:55
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 10:17
Analyst: LAC

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	20		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	0.13	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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-02 Date Collected: 07/13/21 12:55

Client ID: 4125-071321-1255 Date Received: 07/15/21

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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-03
Client ID: 4125-071321-1530
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 15:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 10:37
Analyst: LAC

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	0.51		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	1.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-03 Date Collected: 07/13/21 15:30

Client ID: 4125-071321-1530 Date Received: 07/15/21

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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04
Client ID: 4125-071321-1700
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 17:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 10:58
Analyst: LAC

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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04 Date Collected: 07/13/21 17:00

Client ID: 4125-071321-1700 Date Received: 07/15/21

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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05
Client ID: 4125-071421-1020
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 10:20
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 11:18
Analyst: LAC

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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05 Date Collected: 07/14/21 10:20

Client ID: 4125-071421-1020 Date Received: 07/15/21

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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	104		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06
Client ID: 4125-071421-1240
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 12:40
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 11:38
Analyst: LAC

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	0.23	J	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	1.0		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	22		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	5.8		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	3.1		ug/l	2.5	0.70	1
Trichloroethene	75		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06 Date Collected: 07/14/21 12:40

Client ID: 4125-071421-1240 Date Received: 07/15/21

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	4.4		ug/l	2.5	0.70	1
o-Xylene	12		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	55		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	9.6		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	22		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07
Client ID: 4125-071421-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 11:59
Analyst: LAC

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	0.21	J	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	1.0		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	20		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	5.8		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	3.1		ug/l	2.5	0.70	1
Trichloroethene	77		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07 Date Collected: 07/14/21 00:00

Client ID: 4125-071421-0001 Date Received: 07/15/21

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	4.0		ug/l	2.5	0.70	1
o-Xylene	11		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	56		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	8.8		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	20		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-08
Client ID: 4125-071521-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 09:57
Analyst: LAC

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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-08 Date Collected: 07/15/21 00:00

Client ID: 4125-071521-0001 Date Received: 07/15/21

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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	104		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-09 D
Client ID: 4125-071521-0815
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 08:15
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 12:19
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	380		ug/l	2.5	0.80	5
Toluene	94		ug/l	12	3.5	5
Ethylbenzene	490		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-09 D
Client ID: 4125-071521-0815
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 08:15
Date Received: 07/15/21
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	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	28		ug/l	12	3.5	5
p/m-Xylene	850		ug/l	12	3.5	5
o-Xylene	180		ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	34		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	110		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	97		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	95		70-130

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-10
Client ID: 4125-071521-1030
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 10:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 12:39
Analyst: LAC

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	0.37	J	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	0.20	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-10 Date Collected: 07/15/21 10:30

Client ID: 4125-071521-1030 Date Received: 07/15/21

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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11
Client ID: 4125-071521-0002
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 12:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 12:59
Analyst: LAC

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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11 Date Collected: 07/15/21 12:30

Client ID: 4125-071521-0002 Date Received: 07/15/21

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	6.0		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-12
Client ID: 4125-071521-0003
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 11:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 13:20
Analyst: LAC

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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-12 Date Collected: 07/15/21 11:00

Client ID: 4125-071521-0003 Date Received: 07/15/21

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	4.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/21 08:35
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1527695-5					
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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/21 08:35
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1527695-5					
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
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/21 08:35
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1527695-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1527695-3 WG1527695-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	93		95		63-132	2		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	73		79		63-130	8		20
1,1,2-Trichloroethane	87		92		70-130	6		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	93		95		70-130	2		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	87		91		67-130	4		20
trans-1,3-Dichloropropene	83		86		70-130	4		20
cis-1,3-Dichloropropene	90		95		70-130	5		20
Bromoform	57		64		54-136	12		20
1,1,2,2-Tetrachloroethane	82		91		67-130	10		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	94		90		64-130	4		20
Bromomethane	97		94		39-139	3		20
Vinyl chloride	100		100		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1527695-3 WG1527695-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		99		70-130	1		20
1,2-Dichlorobenzene	98		100		70-130	2		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	86		88		63-130	2		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	82		82		36-147	0		20
Acetone	84		95		58-148	12		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	68		75		63-138	10		20
4-Methyl-2-pentanone	68		74		59-130	8		20
2-Hexanone	62		70		57-130	12		20
Bromochloromethane	96		98		70-130	2		20
1,2-Dibromoethane	83		89		70-130	7		20
1,2-Dibromo-3-chloropropane	60		67		41-144	11		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	89		92		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1527695-3 WG1527695-4								
1,2,4-Trichlorobenzene	97		96		70-130	1		20
Methyl Acetate	79		80		70-130	1		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	74		74		56-162	0		20
Freon-113	120		110		70-130	9		20
Methyl cyclohexane	110		110		70-130	0		20

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

Matrix Spike Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

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): 01-12 QC Batch ID: WG1527695-6 WG1527695-7 QC Sample: L2138200-09 Client ID: 4125-071521-0815												
Methylene chloride	ND	50	55	110		52	104		70-130	6		20
1,1-Dichloroethane	ND	50	53	106		53	106		70-130	0		20
Chloroform	ND	50	49	98		50	100		70-130	2		20
Carbon tetrachloride	ND	50	46	92		47	94		63-132	2		20
1,2-Dichloropropane	ND	50	50	100		50	100		70-130	0		20
Dibromochloromethane	ND	50	40	80		40	80		63-130	0		20
1,1,2-Trichloroethane	ND	50	59	118		59	118		70-130	0		20
Tetrachloroethene	ND	50	53	106		52	104		70-130	2		20
Chlorobenzene	ND	50	53	106		52	104		75-130	2		20
Trichlorofluoromethane	ND	50	57	114		58	116		62-150	2		20
1,2-Dichloroethane	ND	50	49	98		48	96		70-130	2		20
1,1,1-Trichloroethane	ND	50	50	100		51	102		67-130	2		20
Bromodichloromethane	ND	50	46	92		45	90		67-130	2		20
trans-1,3-Dichloropropene	ND	50	44	88		44	88		70-130	0		20
cis-1,3-Dichloropropene	ND	50	45	90		44	88		70-130	2		20
Bromoform	ND	50	30	60		31	62		54-136	3		20
1,1,2,2-Tetrachloroethane	ND	50	45	90		45	90		67-130	0		20
Benzene	380	50	440	120		420	80		70-130	5		20
Toluene	94	50	140	92		140	92		70-130	0		20
Ethylbenzene	490	50	530	80		510	**40**	Q	70-130	4		20
Chloromethane	ND	50	39	78		40	80		64-130	3		20
Bromomethane	ND	50	43	86		45	90		39-139	5		20
Vinyl chloride	ND	50	52	104		52	104		55-140	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

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): 01-12 QC Batch ID: WG1527695-6 WG1527695-7 QC Sample: L2138200-09 Client ID: 4125-071521-0815												
Chloroethane	ND	50	66	132		61	122		55-138	8		20
1,1-Dichloroethene	ND	50	54	108		55	110		61-145	2		20
trans-1,2-Dichloroethene	ND	50	54	108		54	108		70-130	0		20
Trichloroethene	ND	50	52	104		50	100		70-130	4		20
1,2-Dichlorobenzene	ND	50	50	100		51	102		70-130	2		20
1,3-Dichlorobenzene	ND	50	50	100		51	102		70-130	2		20
1,4-Dichlorobenzene	ND	50	50	100		50	100		70-130	0		20
Methyl tert butyl ether	28	50	73	90		72	88		63-130	1		20
p/m-Xylene	850	100	960	110		920	70		70-130	4		20
o-Xylene	180	100	280	100		280	100		70-130	0		20
cis-1,2-Dichloroethene	ND	50	51	102		51	102		70-130	0		20
Styrene	ND	100	110	110		110	110		70-130	0		20
Dichlorodifluoromethane	ND	50	40	80		42	84		36-147	5		20
Acetone	ND	50	55	110		60	120		58-148	9		20
Carbon disulfide	ND	50	53	106		54	108		51-130	2		20
2-Butanone	ND	50	86	**172**	Q	83	**166**	Q	63-138	4		20
4-Methyl-2-pentanone	ND	50	40	80		40	80		59-130	0		20
2-Hexanone	ND	50	37	74		37	74		57-130	0		20
Bromochloromethane	ND	50	47	94		49	98		70-130	4		20
1,2-Dibromoethane	ND	50	46	92		46	92		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	50	36	72		35	70		41-144	3		20
Isopropylbenzene	34	50	83	98		83	98		70-130	0		20
1,2,3-Trichlorobenzene	ND	50	47	94		48	96		70-130	2		20

Matrix Spike Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

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): 01-12 QC Batch ID: WG1527695-6 WG1527695-7 QC Sample: L2138200-09 Client ID: 4125-071521-0815												
1,2,4-Trichlorobenzene	ND	50	49	98		50	100		70-130	2		20
Methyl Acetate	ND	50	42	84		41	82		70-130	2		20
Cyclohexane	110	50	160	100		160	100		70-130	0		20
1,4-Dioxane	ND	2500	2000	80		1800	72		56-162	11		20
Freon-113	ND	50	56	112		59	118		70-130	5		20
Methyl cyclohexane	97	50	140	86		140	86		70-130	0		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		94		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	96		95		70-130
Toluene-d8	102		99		70-130

SEMIVOLATILES

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-02
Client ID: 4125-071321-1255
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 12:55
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 00:46
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 04:59

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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-02 Date Collected: 07/13/21 12:55

Client ID: 4125-071321-1255 Date Received: 07/15/21

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	ND		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	84		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	90		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-02
Client ID: 4125-071321-1255
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 12:55
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 19:01
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 05:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.5		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.36		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	2.4		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	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	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	0.05	J	ug/l	0.10	0.01	1
Anthracene	0.11		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.88		ug/l	0.10	0.01	1
Phenanthrene	0.39		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	0.26		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.02	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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-02 Date Collected: 07/13/21 12:55

Client ID: 4125-071321-1255 Date Received: 07/15/21

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	101		21-120
Phenol-d6	79		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	102		15-120
2,4,6-Tribromophenol	**154**	Q	10-120
4-Terphenyl-d14	113		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-03
Client ID: 4125-071321-1530
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 15:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 01:10
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 04:59

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	2.9		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-03 Date Collected: 07/13/21 15:30

Client ID: 4125-071321-1530 Date Received: 07/15/21

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	1.5	J	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	81		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	96		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-03
Client ID: 4125-071321-1530
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 15:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 19:21
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 05:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	7.1		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.09	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.81		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	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	0.71		ug/l	0.10	0.01	1
Anthracene	0.75		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	5.7		ug/l	0.10	0.01	1
Phenanthrene	0.76		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	0.36		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.08	J	ug/l	0.10	0.02	1
Pentachlorophenol	8.0		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-03 Date Collected: 07/13/21 15:30

Client ID: 4125-071321-1530 Date Received: 07/15/21

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	95		21-120
Phenol-d6	77		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	101		15-120
2,4,6-Tribromophenol	**151**	Q	10-120
4-Terphenyl-d14	111		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04
Client ID: 4125-071321-1700
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 17:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 01:34
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 04:59

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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04 Date Collected: 07/13/21 17:00

Client ID: 4125-071321-1700 Date Received: 07/15/21

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	ND		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	76		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	89		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04
Client ID: 4125-071321-1700
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 17:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 01:51
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/19/21 19:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	47		15-110

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04
Client ID: 4125-071321-1700
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 17:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 19:40
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 05:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		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	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.04	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04 Date Collected: 07/13/21 17:00

Client ID: 4125-071321-1700 Date Received: 07/15/21

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	92		21-120
Phenol-d6	74		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	**144**	Q	10-120
4-Terphenyl-d14	108		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04
Client ID: 4125-071321-1700
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 17:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/21 04:16
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.13		ng/l	1.86	0.379	1
Perfluoropentanoic Acid (PFPeA)	0.740	J	ng/l	1.86	0.368	1
Perfluorobutanesulfonic Acid (PFBS)	2.04		ng/l	1.86	0.221	1
Perfluorohexanoic Acid (PFHxA)	0.442	JF	ng/l	1.86	0.305	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.86	0.209	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.86	0.350	1
Perfluorooctanoic Acid (PFOA)	1.12	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	0.640	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	0.283	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.86	0.602	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.242	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.911	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.86	0.747	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.346	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.86	0.304	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.86	0.230	1
PFOA/PFOS, Total	1.12	J	ng/l	1.86	0.219	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04 Date Collected: 07/13/21 17:00

Client ID: 4125-071321-1700 Date Received: 07/15/21

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)	84		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	90		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	116		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	84		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	111		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**221**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	104		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	140		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)	92		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	81		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	86		22-136

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04
Client ID: 4125-071321-1700
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 17:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/23/21 16:35
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.539	1

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

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05
Client ID: 4125-071421-1020
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 10:20
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 17:39
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05 Date Collected: 07/14/21 10:20

Client ID: 4125-071421-1020 Date Received: 07/15/21

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	ND		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	37		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	62		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05
Client ID: 4125-071421-1020
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 10:20
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 02:14
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/19/21 19:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	113.	J	ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	44		15-110

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05
Client ID: 4125-071421-1020
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 10:20
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 19:59
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		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	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05 Date Collected: 07/14/21 10:20

Client ID: 4125-071421-1020 Date Received: 07/15/21

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	33		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	73		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05
Client ID: 4125-071421-1020
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 10:20
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/21 04:49
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	11.1		ng/l	1.83	0.373	1
Perfluoropentanoic Acid (PFPeA)	5.24		ng/l	1.83	0.362	1
Perfluorobutanesulfonic Acid (PFBS)	2.04		ng/l	1.83	0.217	1
Perfluorohexanoic Acid (PFHxA)	3.50		ng/l	1.83	0.300	1
Perfluoroheptanoic Acid (PFHpA)	1.71	J	ng/l	1.83	0.206	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.83	0.344	1
Perfluorooctanoic Acid (PFOA)	4.06		ng/l	1.83	0.216	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.83	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.83	0.629	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.83	0.285	1
Perfluorooctanesulfonic Acid (PFOS)	0.702	J	ng/l	1.83	0.460	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.83	0.278	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.83	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.83	0.592	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.83	0.238	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.83	0.895	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.83	0.735	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.83	0.340	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.83	0.299	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.83	0.227	1
PFOA/PFOS, Total	4.76	J	ng/l	1.83	0.216	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05 Date Collected: 07/14/21 10:20

Client ID: 4125-071421-1020 Date Received: 07/15/21

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)	99		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	114		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**265**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	110		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	153		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)	98		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	89		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	84		22-136

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05
Client ID: 4125-071421-1020
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 10:20
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/23/21 16:42
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.83	0.530	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	57		10-112

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06
Client ID: 4125-071421-1240
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 12:40
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 18:03
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

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	5.7		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06 Date Collected: 07/14/21 12:40

Client ID: 4125-071421-1240 Date Received: 07/15/21

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	ND		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	47		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	81		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06
Client ID: 4125-071421-1240
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 12:40
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 02:37
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/19/21 19:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06
Client ID: 4125-071421-1240
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 12:40
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 20:18
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	7.3		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.56		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	27		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		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	ND		ug/l	0.10	0.01	1
Acenaphthylene	3.4		ug/l	0.10	0.01	1
Anthracene	0.98		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	4.3		ug/l	0.10	0.01	1
Phenanthrene	3.8		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	0.83		ug/l	0.10	0.02	1
2-Methylnaphthalene	2.6		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06 Date Collected: 07/14/21 12:40

Client ID: 4125-071421-1240 Date Received: 07/15/21

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	40		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	91		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06
Client ID: 4125-071421-1240
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 12:40
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/21 05:23
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.22		ng/l	1.84	0.376	1
Perfluoropentanoic Acid (PFPeA)	8.82		ng/l	1.84	0.365	1
Perfluorobutanesulfonic Acid (PFBS)	6.60		ng/l	1.84	0.219	1
Perfluorohexanoic Acid (PFHxA)	7.26		ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	2.66		ng/l	1.84	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	1.85		ng/l	1.84	0.346	1
Perfluorooctanoic Acid (PFOA)	7.82		ng/l	1.84	0.218	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.84	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.634	1
Perfluorononanoic Acid (PFNA)	0.424	J	ng/l	1.84	0.288	1
Perfluorooctanesulfonic Acid (PFOS)	5.90		ng/l	1.84	0.464	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.280	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.597	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.240	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.903	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.741	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.343	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.302	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.228	1
PFOA/PFOS, Total	13.7		ng/l	1.84	0.218	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06 Date Collected: 07/14/21 12:40

Client ID: 4125-071421-1240 Date Received: 07/15/21

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)	96		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	104		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	122		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	117		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**244**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	118		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)	**166**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	60		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	87		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		22-136

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06
Client ID: 4125-071421-1240
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 12:40
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/23/21 16:49
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.535	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	57		10-112

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07
Client ID: 4125-071421-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 18:26
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

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	3.9		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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07 Date Collected: 07/14/21 00:00

Client ID: 4125-071421-0001 Date Received: 07/15/21

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	ND		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	42		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	82		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07
Client ID: 4125-071421-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 03:00
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/19/21 19:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07
Client ID: 4125-071421-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 20:37
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	5.9		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.48		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	18		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		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	ND		ug/l	0.10	0.01	1
Acenaphthylene	2.7		ug/l	0.10	0.01	1
Anthracene	0.80		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	3.3		ug/l	0.10	0.01	1
Phenanthrene	2.7		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	0.73		ug/l	0.10	0.02	1
2-Methylnaphthalene	1.6		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07 Date Collected: 07/14/21 00:00

Client ID: 4125-071421-0001 Date Received: 07/15/21

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	48		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	92		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07
Client ID: 4125-071421-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/21 05:39
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.72		ng/l	1.83	0.374	1
Perfluoropentanoic Acid (PFPeA)	9.13		ng/l	1.83	0.363	1
Perfluorobutanesulfonic Acid (PFBS)	6.58		ng/l	1.83	0.218	1
Perfluorohexanoic Acid (PFHxA)	7.33		ng/l	1.83	0.300	1
Perfluoroheptanoic Acid (PFHpA)	2.68		ng/l	1.83	0.206	1
Perfluorohexanesulfonic Acid (PFHxS)	1.55	JF	ng/l	1.83	0.344	1
Perfluorooctanoic Acid (PFOA)	8.33		ng/l	1.83	0.216	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.83	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.83	0.630	1
Perfluorononanoic Acid (PFNA)	0.418	J	ng/l	1.83	0.286	1
Perfluorooctanesulfonic Acid (PFOS)	6.41		ng/l	1.83	0.462	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.83	0.278	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.83	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.83	0.593	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.83	0.238	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.83	0.898	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.83	0.736	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.83	0.341	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.83	0.300	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.83	0.227	1
PFOA/PFOS, Total	14.7		ng/l	1.83	0.216	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07 Date Collected: 07/14/21 00:00

Client ID: 4125-071421-0001 Date Received: 07/15/21

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)	104		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	112		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	127		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	93		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	95		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	124		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**236**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	95		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	116		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)	153		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)	96		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	88		22-136

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07
Client ID: 4125-071421-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/23/21 16:57
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.83	0.531	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	49		10-112

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-09
Client ID: 4125-071521-0815
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 08:15
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 19:38
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

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	0.59	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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-09 Date Collected: 07/15/21 08:15

Client ID: 4125-071521-0815 Date Received: 07/15/21

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	2.8	J	ug/l	5.0	0.57	1
2-Methylphenol	0.53	J	ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	0.90	J	ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		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	59		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	88		41-149

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-09 D
Client ID: 4125-071521-0815
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 08:15
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/25/21 15:42
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.18	J	ug/l	0.50	0.07	5
2-Chloronaphthalene	ND		ug/l	1.0	0.09	5
Fluoranthene	ND		ug/l	0.50	0.10	5
Hexachlorobutadiene	ND		ug/l	2.5	0.23	5
Naphthalene	190		ug/l	0.50	0.24	5
Benzo(a)anthracene	ND		ug/l	0.50	0.10	5
Benzo(a)pyrene	ND		ug/l	0.50	0.08	5
Benzo(b)fluoranthene	ND		ug/l	0.50	0.06	5
Benzo(k)fluoranthene	ND		ug/l	0.50	0.04	5
Chrysene	ND		ug/l	0.50	0.06	5
Acenaphthylene	0.07	J	ug/l	0.50	0.06	5
Anthracene	ND		ug/l	0.50	0.07	5
Benzo(ghi)perylene	ND		ug/l	0.50	0.07	5
Fluorene	0.23	J	ug/l	0.50	0.07	5
Phenanthrene	0.21	J	ug/l	0.50	0.12	5
Dibenzo(a,h)anthracene	ND		ug/l	0.50	0.06	5
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.50	0.06	5
Pyrene	ND		ug/l	0.50	0.10	5
2-Methylnaphthalene	81		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-09 D
Client ID: 4125-071521-0815
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 08:15
Date Received: 07/15/21
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	74		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	120		23-120
2-Fluorobiphenyl	116		15-120
2,4,6-Tribromophenol	**157**	Q	10-120
4-Terphenyl-d14	146		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-10
Client ID: 4125-071521-1030
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 10:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 20:01
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-10 Date Collected: 07/15/21 10:30

Client ID: 4125-071521-1030 Date Received: 07/15/21

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	ND		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	40		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	94		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-10
Client ID: 4125-071521-1030
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 10:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 20:57
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.14		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.11		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.11		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Chrysene	0.06	J	ug/l	0.10	0.01	1
Acenaphthylene	0.05	J	ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.10		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.05	J	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	0.09	J	ug/l	0.10	0.01	1
Pyrene	0.13		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-10 Date Collected: 07/15/21 10:30

Client ID: 4125-071521-1030 Date Received: 07/15/21

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	52		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	101		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11
Client ID: 4125-071521-0002
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 12:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/21/21 19:55
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11 Date Collected: 07/15/21 12:30

Client ID: 4125-071521-0002 Date Received: 07/15/21

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	ND		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	46		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	96		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11
Client ID: 4125-071521-0002
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 12:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 20:05
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/21/21 20:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	49		15-110

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11
Client ID: 4125-071521-0002
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 12:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 21:16
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		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	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11 Date Collected: 07/15/21 12:30

Client ID: 4125-071521-0002 Date Received: 07/15/21

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	45		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	94		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11
Client ID: 4125-071521-0002
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 12:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/21 05:56
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.92	0.391	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.92	0.380	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.92	0.228	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.92	0.315	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.92	0.216	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.92	0.361	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.92	0.226	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.92	1.28	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.92	0.660	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.92	0.299	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.92	0.483	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.92	0.292	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.92	1.16	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.92	0.622	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.92	0.249	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.92	0.940	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.92	0.771	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.92	0.357	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.92	0.314	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.92	0.238	1
PFOA/PFOS, Total	ND		ng/l	1.92	0.226	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11 Date Collected: 07/15/21 12:30

Client ID: 4125-071521-0002 Date Received: 07/15/21

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)	107		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	123		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	112		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	114		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	107		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	99		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	102		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	107		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)	108		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	83		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	113		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	100		22-136

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11
Client ID: 4125-071521-0002
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 12:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/23/21 17:04
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.92	0.556	1

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

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-12
Client ID: 4125-071521-0003
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 11:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/22/21 01:01
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/20/21 16:48

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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-12 Date Collected: 07/15/21 11:00

Client ID: 4125-071521-0003 Date Received: 07/15/21

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	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	0.84	J	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	43		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	36		10-120
4-Terphenyl-d14	65		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-12
Client ID: 4125-071521-0003
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 11:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/24/21 17:45
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/20/21 16:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		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	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-12 Date Collected: 07/15/21 11:00

Client ID: 4125-071521-0003 Date Received: 07/15/21

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	38		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	69		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/18/21 23:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 04:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-07,09-11 Batch: WG1525059-1					
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: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/18/21 23:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 04:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-07,09-11 Batch: WG1525059-1					
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	79		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	95		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	90		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/19/21 11:53
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 05:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02-07,09-11 Batch: WG1525060-1					
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: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/19/21 11:53
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 05:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02-07,09-11 Batch: WG1525060-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	**122**	Q	10-120
4-Terphenyl-d14	110		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 00:42
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/19/21 19:30

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 04-07 Batch: WG1525502-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	49		15-110

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/21 03:27
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04-07,11 Batch: WG1525651-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/21 03:27
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04-07,11 Batch: WG1525651-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	107		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	120		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	119		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	115		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	108		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	114		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	107		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	117		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	104		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	113		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	104		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	132		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	84		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	84		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	101		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	95		22-136

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/23/21 16:21
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04-07,11 Batch: WG1525651-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	63		10-112

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/21/21 11:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/20/21 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1525934-1					
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: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/21/21 11:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/20/21 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1525934-1					
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	56		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	77		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 09:59
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/20/21 15:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 12 Batch: WG1525947-1					
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: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 09:59
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/20/21 15:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 12 Batch: WG1525947-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	106		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 13:01
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/21/21 20:45

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 11 Batch: WG1526489-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07,09-11 Batch: WG1525059-2 WG1525059-3								
Bis(2-chloroethyl)ether	64		72		40-140	12		30
3,3'-Dichlorobenzidine	66		70		40-140	6		30
2,4-Dinitrotoluene	79		83		48-143	5		30
2,6-Dinitrotoluene	66		75		40-140	13		30
4-Chlorophenyl phenyl ether	74		80		40-140	8		30
4-Bromophenyl phenyl ether	70		74		40-140	6		30
Bis(2-chloroisopropyl)ether	65		72		40-140	10		30
Bis(2-chloroethoxy)methane	64		74		40-140	14		30
Hexachlorocyclopentadiene	76		86		40-140	12		30
Isophorone	60		70		40-140	15		30
Nitrobenzene	72		81		40-140	12		30
NDPA/DPA	69		72		40-140	4		30
n-Nitrosodi-n-propylamine	65		76		29-132	16		30
Bis(2-ethylhexyl)phthalate	70		76		40-140	8		30
Butyl benzyl phthalate	62		67		40-140	8		30
Di-n-butylphthalate	65		68		40-140	5		30
Di-n-octylphthalate	66		75		40-140	13		30
Diethyl phthalate	68		70		40-140	3		30
Dimethyl phthalate	62		68		40-140	9		30
Biphenyl	66		75		40-140	13		30
4-Chloroaniline	42		61		40-140	**37**	Q	30
2-Nitroaniline	69		79		52-143	14		30
3-Nitroaniline	66		71		25-145	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07,09-11 Batch: WG1525059-2 WG1525059-3								
4-Nitroaniline	67		68		51-143	1		30
Dibenzofuran	73		79		40-140	8		30
1,2,4,5-Tetrachlorobenzene	77		85		2-134	10		30
Acetophenone	63		71		39-129	12		30
2,4,6-Trichlorophenol	72		80		30-130	11		30
p-Chloro-m-cresol	66		74		23-97	11		30
2-Chlorophenol	72		78		27-123	8		30
2,4-Dichlorophenol	68		79		30-130	15		30
2,4-Dimethylphenol	64		72		30-130	12		30
2-Nitrophenol	82		94		30-130	14		30
4-Nitrophenol	66		71		10-80	7		30
2,4-Dinitrophenol	99		98		20-130	1		30
4,6-Dinitro-o-cresol	88		94		20-164	7		30
Phenol	48		56		12-110	15		30
2-Methylphenol	63		70		30-130	11		30
3-Methylphenol/4-Methylphenol	64		76		30-130	17		30
2,4,5-Trichlorophenol	68		77		30-130	12		30
Carbazole	76		76		55-144	0		30
Atrazine	80		82		40-140	2		30
Benzaldehyde	63		71		40-140	12		30
Caprolactam	29		34		10-130	16		30
2,3,4,6-Tetrachlorophenol	78		80		40-140	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07,09-11 Batch: WG1525059-2 WG1525059-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		75		21-120
Phenol-d6	53		60		10-120
Nitrobenzene-d5	84		94		23-120
2-Fluorobiphenyl	75		84		15-120
2,4,6-Tribromophenol	89		93		10-120
4-Terphenyl-d14	77		79		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-07,09-11 Batch: WG1525060-2 WG1525060-3								
Acenaphthene	94		103		40-140	9		40
2-Chloronaphthalene	84		100		40-140	17		40
Fluoranthene	101		108		40-140	7		40
Hexachlorobutadiene	80		86		40-140	7		40
Naphthalene	87		93		40-140	7		40
Benzo(a)anthracene	100		103		40-140	3		40
Benzo(a)pyrene	106		112		40-140	6		40
Benzo(b)fluoranthene	101		113		40-140	11		40
Benzo(k)fluoranthene	114		114		40-140	0		40
Chrysene	104		112		40-140	7		40
Acenaphthylene	82		89		40-140	8		40
Anthracene	100		107		40-140	7		40
Benzo(ghi)perylene	102		110		40-140	8		40
Fluorene	93		103		40-140	10		40
Phenanthrene	93		101		40-140	8		40
Dibenzo(a,h)anthracene	109		116		40-140	6		40
Indeno(1,2,3-cd)pyrene	102		110		40-140	8		40
Pyrene	100		107		40-140	7		40
2-Methylnaphthalene	84		94		40-140	11		40
Pentachlorophenol	121		131		40-140	8		40
Hexachlorobenzene	91		100		40-140	9		40
Hexachloroethane	87		93		40-140	7		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-07,09-11 Batch: WG1525060-2 WG1525060-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		85		21-120
Phenol-d6	63		67		10-120
Nitrobenzene-d5	89		99		23-120
2-Fluorobiphenyl	86		94		15-120
2,4,6-Tribromophenol	**138**	Q	**148**	Q	10-120
4-Terphenyl-d14	98		103		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab	Associated sample(s): 04-07		Batch: WG1525502-2 WG1525502-3					
1,4-Dioxane	119		97		40-140	21		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	37		50		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-07,11 Batch: WG1525651-2								
Perfluorobutanoic Acid (PFBA)	116		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	114		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	114		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	116		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	111		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	118		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	114		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	120		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	117		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	118		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	127		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	107		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	120		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	123		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	110		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	114		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	119		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	117		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	111		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	122		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	109		-		59-182	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

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

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-07,11 Batch: WG1525651-2

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	108				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	121				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	117				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	118				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	113				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	111				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	124				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	109				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)	135				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	89				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	113				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	23				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	91				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	101				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76				22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-07,11 Batch: WG1525651-2								
Perfluorooctanesulfonamide (FOSA)	148		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	60				10-112

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1525934-2 WG1525934-3								
Bis(2-chloroethyl)ether	**38**	Q	66		40-140	**54**	Q	30
3,3'-Dichlorobenzidine	54		65		40-140	18		30
2,4-Dinitrotoluene	62		88		48-143	**35**	Q	30
2,6-Dinitrotoluene	57		81		40-140	**35**	Q	30
4-Chlorophenyl phenyl ether	50		76		40-140	**41**	Q	30
4-Bromophenyl phenyl ether	55		78		40-140	**35**	Q	30
Bis(2-chloroisopropyl)ether	**36**	Q	66		40-140	**59**	Q	30
Bis(2-chloroethoxy)methane	41		71		40-140	**54**	Q	30
Hexachlorocyclopentadiene	41		76		40-140	**60**	Q	30
Isophorone	**38**	Q	66		40-140	**54**	Q	30
Nitrobenzene	45		76		40-140	**51**	Q	30
NDPA/DPA	52		73		40-140	**34**	Q	30
n-Nitrosodi-n-propylamine	40		69		29-132	**53**	Q	30
Bis(2-ethylhexyl)phthalate	72		77		40-140	7		30
Butyl benzyl phthalate	63		75		40-140	17		30
Di-n-butylphthalate	57		68		40-140	18		30
Di-n-octylphthalate	62		73		40-140	16		30
Diethyl phthalate	55		73		40-140	28		30
Dimethyl phthalate	53		73		40-140	**32**	Q	30
Biphenyl	43		72		40-140	**50**	Q	30
4-Chloroaniline	**24**	Q	40		40-140	**50**	Q	30
2-Nitroaniline	54		81		52-143	**40**	Q	30
3-Nitroaniline	44		58		25-145	27		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1525934-2 WG1525934-3								
4-Nitroaniline	59		74		51-143	23		30
Dibenzofuran	46		75		40-140	**48**	Q	30
1,2,4,5-Tetrachlorobenzene	46		79		2-134	**53**	Q	30
Acetophenone	39		67		39-129	**53**	Q	30
2,4,6-Trichlorophenol	51		82		30-130	**47**	Q	30
p-Chloro-m-cresol	48		73		23-97	**41**	Q	30
2-Chlorophenol	43		73		27-123	**52**	Q	30
2,4-Dichlorophenol	45		78		30-130	**54**	Q	30
2,4-Dimethylphenol	32		58		30-130	**58**	Q	30
2-Nitrophenol	50		88		30-130	**55**	Q	30
4-Nitrophenol	59		75		10-80	24		30
2,4-Dinitrophenol	91		109		20-130	18		30
4,6-Dinitro-o-cresol	87		102		20-164	16		30
Phenol	30		48		12-110	**46**	Q	30
2-Methylphenol	38		65		30-130	**52**	Q	30
3-Methylphenol/4-Methylphenol	40		68		30-130	**52**	Q	30
2,4,5-Trichlorophenol	55		81		30-130	**38**	Q	30
Carbazole	62		76		55-144	20		30
Atrazine	80		94		40-140	16		30
Benzaldehyde	**37**	Q	65		40-140	**55**	Q	30
Caprolactam	19		24		10-130	23		30
2,3,4,6-Tetrachlorophenol	58		82		40-140	**34**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1525934-2 WG1525934-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	41		68		21-120
Phenol-d6	32		53		10-120
Nitrobenzene-d5	51		88		23-120
2-Fluorobiphenyl	47		77		15-120
2,4,6-Tribromophenol	72		95		10-120
4-Terphenyl-d14	73		85		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 12 Batch: WG1525947-2 WG1525947-3								
Acenaphthene	97		89		40-140	9		40
2-Chloronaphthalene	95		84		40-140	12		40
Fluoranthene	105		102		40-140	3		40
Hexachlorobutadiene	84		69		40-140	20		40
Naphthalene	89		79		40-140	12		40
Benzo(a)anthracene	100		98		40-140	2		40
Benzo(a)pyrene	109		106		40-140	3		40
Benzo(b)fluoranthene	107		104		40-140	3		40
Benzo(k)fluoranthene	111		108		40-140	3		40
Chrysene	100		98		40-140	2		40
Acenaphthylene	96		86		40-140	11		40
Anthracene	102		96		40-140	6		40
Benzo(ghi)perylene	98		98		40-140	0		40
Fluorene	92		84		40-140	9		40
Phenanthrene	98		94		40-140	4		40
Dibenzo(a,h)anthracene	104		103		40-140	1		40
Indeno(1,2,3-cd)pyrene	99		97		40-140	2		40
Pyrene	104		100		40-140	4		40
2-Methylnaphthalene	93		82		40-140	13		40
Pentachlorophenol	95		92		40-140	3		40
Hexachlorobenzene	97		89		40-140	9		40
Hexachloroethane	81		67		40-140	19		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

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

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 12 Batch: WG1525947-2 WG1525947-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		65		21-120
Phenol-d6	59		54		10-120
Nitrobenzene-d5	98		89		23-120
2-Fluorobiphenyl	101		88		15-120
2,4,6-Tribromophenol	81		91		10-120
4-Terphenyl-d14	122		118		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 11 Batch: WG1526489-2 WG1526489-3								
1,4-Dioxane	96		100		40-140	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	39		49		15-110

Matrix Spike Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

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): 02-07,09-11 QC Batch ID: WG1525059-4 WG1525059-5 QC Sample: L2138200-09 Client ID: 4125-071521-0815												
Bis(2-chloroethyl)ether	ND	18.2	10	55		11	61		40-140	10		30
3,3'-Dichlorobenzidine	ND	18.2	2.0J	**11**	Q	3.0J	**17**	Q	40-140	**40**	Q	30
2,4-Dinitrotoluene	ND	18.2	12	66		12	66		48-143	0		30
2,6-Dinitrotoluene	ND	18.2	14	77		16	88		40-140	13		30
4-Chlorophenyl phenyl ether	ND	18.2	13	72		13	72		40-140	0		30
4-Bromophenyl phenyl ether	ND	18.2	13	72		14	77		40-140	7		30
Bis(2-chloroisopropyl)ether	ND	18.2	12	66		12	66		40-140	0		30
Bis(2-chloroethoxy)methane	ND	18.2	11	61		12	66		40-140	9		30
Hexachlorocyclopentadiene	ND	18.2	13.J	72		14.J	77		40-140	7		30
Isophorone	ND	18.2	11	61		12	66		40-140	9		30
Nitrobenzene	ND	18.2	28	**150**	Q	32	**180**	Q	40-140	13		30
NDPA/DPA	ND	18.2	12	66		13	72		40-140	8		30
n-Nitrosodi-n-propylamine	ND	18.2	12	66		12	66		29-132	0		30
Bis(2-ethylhexyl)phthalate	ND	18.2	13	72		13	72		40-140	0		30
Butyl benzyl phthalate	ND	18.2	16	88		16	88		40-140	0		30
Di-n-butylphthalate	ND	18.2	13	72		13	72		40-140	0		30
Di-n-octylphthalate	ND	18.2	14	77		14	77		40-140	0		30
Diethyl phthalate	ND	18.2	13	72		13	72		40-140	0		30
Dimethyl phthalate	ND	18.2	12	66		13	72		40-140	8		30
Biphenyl	0.59J	18.2	11	61		13	72		40-140	17		30
4-Chloroaniline	ND	18.2	6.2	**34**	Q	5.9	**32**	Q	40-140	5		30
2-Nitroaniline	ND	18.2	15	83		16	88		52-143	6		30
3-Nitroaniline	ND	18.2	7.9	43		8.3	46		25-145	5		30

Matrix Spike Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

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): 02-07,09-11 QC Batch ID: WG1525059-4 WG1525059-5 QC Sample: L2138200-09 Client ID: 4125-071521-0815												
4-Nitroaniline	ND	18.2	8.9	**49**	Q	10	55		51-143	12		30
Dibenzofuran	ND	18.2	12	66		13	72		40-140	8		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	13	72		14	77		2-134	7		30
Acetophenone	ND	18.2	35	**190**	Q	42	**230**	Q	39-129	18		30
2,4,6-Trichlorophenol	ND	18.2	14	77		15	83		30-130	7		30
p-Chloro-m-cresol	ND	18.2	12	66		14	77		23-97	15		30
2-Chlorophenol	ND	18.2	12	66		13	72		27-123	8		30
2,4-Dichlorophenol	ND	18.2	12	66		14	77		30-130	15		30
2,4-Dimethylphenol	ND	18.2	7.6	42		10	55		30-130	27		30
2-Nitrophenol	ND	18.2	15	83		16	88		30-130	6		30
4-Nitrophenol	ND	18.2	18	**99**	Q	19	**100**	Q	10-80	5		30
2,4-Dinitrophenol	ND	18.2	22	120		21	120		20-130	5		30
4,6-Dinitro-o-cresol	ND	18.2	19	100		19	100		20-164	0		30
Phenol	2.8J	18.2	32	**180**	Q	38	**210**	Q	12-110	17		30
2-Methylphenol	0.53J	18.2	12	66		13	72		30-130	8		30
3-Methylphenol/4-Methylphenol	0.90J	18.2	13	72		15	83		30-130	14		30
2,4,5-Trichlorophenol	ND	18.2	14	77		16	88		30-130	13		30
Carbazole	ND	18.2	14	77		14	77		55-144	0		30
Atrazine	ND	18.2	18	99		17	94		40-140	6		30
Benzaldehyde	ND	18.2	ND	**0**	Q	ND	**0**	Q	40-140	NC		30
Caprolactam	ND	18.2	ND	**0**	Q	ND	**0**	Q	10-130	NC		30
2,3,4,6-Tetrachlorophenol	ND	18.2	16	88		15	83		40-140	6		30

Matrix Spike Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

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): 02-07,09-11 QC Batch ID: WG1525059-4 WG1525059-5 QC Sample: L2138200-09 Client ID: 4125-071521-0815

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	98		97		10-120
2-Fluorobiphenyl	72		81		15-120
2-Fluorophenol	62		65		21-120
4-Terphenyl-d14	88		88		41-149
Nitrobenzene-d5	84		94		23-120
Phenol-d6	49		50		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

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): 02-07,09-11 QC Batch ID: WG1525060-4 WG1525060-5 QC Sample: L2138200-09 Client ID: 4125-071521-0815												
Acenaphthene	0.18J	18.2	17	94		20	110		40-140	16		40
2-Chloronaphthalene	ND	18.2	16	88		19	100		40-140	17		40
Fluoranthene	ND	18.2	21	120		23	130		40-140	9		40
Hexachlorobutadiene	ND	18.2	16	88		19	100		40-140	17		40
Naphthalene	190	18.2	130	**0**	Q	180	**0**	Q	40-140	32		40
Benzo(a)anthracene	ND	18.2	20	110		22	120		40-140	10		40
Benzo(a)pyrene	ND	18.2	21	120		23	130		40-140	9		40
Benzo(b)fluoranthene	ND	18.2	20	110		22	120		40-140	10		40
Benzo(k)fluoranthene	ND	18.2	21	120		23	130		40-140	9		40
Chrysene	ND	18.2	19	100		21	120		40-140	10		40
Acenaphthylene	0.07J	18.2	18	99		20	110		40-140	11		40
Anthracene	ND	18.2	18	99		21	120		40-140	15		40
Benzo(ghi)perylene	ND	18.2	22	120		24	130		40-140	9		40
Fluorene	0.23J	18.2	16	88		19	100		40-140	17		40
Phenanthrene	0.21J	18.2	18	99		20	110		40-140	11		40
Dibenzo(a,h)anthracene	ND	18.2	23	130		25	140		40-140	8		40
Indeno(1,2,3-cd)pyrene	ND	18.2	23	130		25	140		40-140	8		40
Pyrene	ND	18.2	21	120		23	130		40-140	9		40
2-Methylnaphthalene	81	18.2	60	**0**	Q	82	**6**	Q	40-140	31		40
Pentachlorophenol	ND	18.2	28	**150**	Q	29	**160**	Q	40-140	4		40
Hexachlorobenzene	ND	18.2	18	99		21	120		40-140	15		40
Hexachloroethane	ND	18.2	32	**180**	Q	40	**220**	Q	40-140	22		40

Matrix Spike Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

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): 02-07,09-11 QC Batch ID: WG1525060-4 WG1525060-5 QC Sample: L2138200-09 Client ID: 4125-071521-0815												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	**153**	Q	**170**	Q	10-120
2-Fluorobiphenyl	101		117		15-120
2-Fluorophenol	73		82		21-120
4-Terphenyl-d14	138		147		41-149
Nitrobenzene-d5	109		**131**	Q	23-120
Phenol-d6	64		70		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

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): 04-07,11 QC Batch ID: WG1525651-3 QC Sample: L2138200-04 Client ID: 4125-071321-1700												
Perfluorobutanoic Acid (PFBA)	9.13	38.5	55.5	120		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	0.740J	38.5	42.4	108		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	2.04	34.2	40.1	111		-	-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	0.442JF	38.5	41.9	108		-	-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	ND	38.5	41.6	108		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	35.2	38.6	110		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	1.12J	38.5	43.9	111		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	36.7	43.9	120		-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	36.7	41.2	112		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	ND	38.5	43.3	112		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	ND	35.8	43.5	122		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	ND	38.5	39.8	103		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	37	40.3	109		-	-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	38.5	47.0	122		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	38.5	40.2	104		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	37.2	38.8	104		-	-		38-156	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	38.5	47.3	123		-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	ND	38.5	42.2	109		-	-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	ND	38.5	51.2	133		-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	38.5	41.3	107		-	-		59-182	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

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): 04-07,11		QC Batch ID: WG1525651-3			QC Sample: L2138200-04			Client ID: 4125-071321-1700			

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)	142				10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**224**	Q			14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	72				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	65				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	113				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	89				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	93				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97				62-163
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	118				70-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-07,11 QC Batch ID: WG1525651-4 QC Sample: L2138200-05 Client ID: 4125-071421-1020						
Perfluorobutanoic Acid (PFBA)	11.1	11.6	ng/l	4		30
Perfluoropentanoic Acid (PFPeA)	5.24	5.70	ng/l	8		30
Perfluorobutanesulfonic Acid (PFBS)	2.04	1.98	ng/l	3		30
Perfluorohexanoic Acid (PFHxA)	3.50	3.68	ng/l	5		30
Perfluoroheptanoic Acid (PFHpA)	1.71J	1.77J	ng/l	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/l	NC		30
Perfluorooctanoic Acid (PFOA)	4.06	3.97	ng/l	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/l	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonic Acid (PFOS)	0.702J	0.687J	ng/l	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-07,11 QC Batch ID: WG1525651-4 QC Sample: L2138200-05 Client ID: 4125-071421-1020

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		95		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	99		101		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	114		126		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		89		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110		120		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		97		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**265**	Q	**297**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		90		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	110		115		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97		97		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	153		150		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	65		65		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		103		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		67		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	89		90		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	84		88		22-136

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2138200-01A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-01B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-02A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-02B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-02C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-02D	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-METALS 6020(180)
L2138200-02E	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-TAL 6020(180)
L2138200-02F	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-02G	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-03A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-03B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-03C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-03D	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-METALS 6020(180)
L2138200-03E	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-TAL 6020(180)
L2138200-03F	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-03G	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-04A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-04B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-04C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-04D	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-METALS 6020(180)
L2138200-04E	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-TAL 6020(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2138200-04F	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-04G	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-04H	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-04I	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-04J	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-04K	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-05A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-05B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-05C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-05D	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-METALS 6020(180)
L2138200-05E	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-TAL 6020(180)
L2138200-05F	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-05G	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-05H	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-05I	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-05J	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-05K	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-06A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-06B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-06C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-06D	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-METALS 6020(180)
L2138200-06D1	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-METALS 6020(180)
L2138200-06E	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-TAL 6020(180)
L2138200-06F	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-06G	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-06H	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-06I	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-06J	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2138200-06K	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-07A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-07B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-07C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-07E	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-TAL 6020(180)
L2138200-07F	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-07G	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-07H	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-07I	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-07J	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-07K	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-08A	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-08B	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09A	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09A1	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09A2	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09B	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09B1	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09B2	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09C	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09C1	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09C2	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09D	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-METALS 6020(180)
L2138200-09D1	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-METALS 6020(180)
L2138200-09D2	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-METALS 6020(180)
L2138200-09E	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-TAL 6020(180)
L2138200-09E1	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-TAL 6020(180)
L2138200-09E2	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-TAL 6020(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2138200-09F	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-09F1	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-09F2	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-09G	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-09G1	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-09G2	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-10A	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-10B	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-10C	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-10D	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-METALS 6020(180)
L2138200-10E	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-TAL 6020(180)
L2138200-10F	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-10G	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-11A	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-11B	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-11C	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-11D	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-METALS 6020(180)
L2138200-11E	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-TAL 6020(180)
L2138200-11F	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-11G	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-11H	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-11I	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-11J	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-11K	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-12A	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-12B	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-12C	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-12D	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-METALS 6020(180)

*Values in parentheses indicate holding time in days

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2138200-12E	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-TAL 6020(180)
L2138200-12F	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-12G	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

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:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

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:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

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:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

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.

Project Name:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

REFERENCES

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

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

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

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

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 2

Date Rec'd in Lab: 7/16/21

ALPHA Job #: L2138200

Client Information
Client: Haley & Aldrich
Address: 200 Town Centre Dr.
Rochester, NY
Phone: 614-564-7088
Fax:
Email: SMcKenna@haleyaldrich.com

Project Information
Project Name: Trowbridge GW Sampling
Project Location: Rochester, NY
Project # 0200336-008 001 01
(Use Project name as Project #) ☐
Project Manager: Santa McKenna
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	VOCs 8260B	SVOCs 8270C	Total Metals	Dissolved Metals	PFAS (537)	1,4-Dioxane 8270 (SIM)			Sample Specific Comments	Total Bottle
3[illegible]00.01	4125-071321-0001	7/13/21	—	WQ	R.S.L.	X								Trip Blank	2
-02	4125-071321-1255		12:55	WG		X	X	X	X					Normal	7
-03	4125-071321-1530		15:30	WG		X	X	X	X						7
-04	4125-071321-1700		17:00	WG		X	X	X	X	X	X	[illegible]			11
-05	4125-071421-1020	7/14/21	10:20	WG		X	X	X	X	X	X				11
-06	4125-071421-1240		12:40	WG		X	X	X	X	X	X				11
-07	4125-071421-0001		—	WG		X	X	X	X	X	X				11
-08	4125-071521-0001	7/15/21	—	WQ		X								Trip Blank	2
-09	4125-071521-0815		8:15	WG		X	X	X	X					MS/MSD	21
-10	4125-071521-1030		10:30	WG		X	X	X	X					Normal	7

Container Type	✓	A	P	P	P	A		
Preservative	B	A	C	C	A	A		

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/15/21 13:30	SECURE STORAGE AAL	7/15/21 13:30
SECURE STORAGE AAL	7/15/21 16:40	RCunningham AAL	7/15/21 16:40
RCunningham AAL	7/15/21 16:40	[signature]	7/16/21 0205

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)

CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

Service Centers
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430
Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 2 of 2

Date Rec'd in Lab: 7/16/21

ALPHA Job #: L2134200

H&A Information
- H&A Client: Haley & Aldrich
- H&A Address: 200 Town Centre Dr. Rochester, NY
- H&A Phone: 614-564-7088
- H&A Fax:
- H&A Email: SMckenna@haleyaldrich.com

Project Information
- Project Name: Trowbridge GW Sampling
- Project Location: Rochester, NY
- Project # 0200336-000 001 01
- (Use Project name as Project #) ☐
- Project Manager: Santa Mckenna
- ALPHAQuote #:

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

Deliverables
- ☐ Email ☐ Fax
- ☐ EQuIS (1 File) ☐ EQuIS (4 File)
- ☐ Other:

Billing Information
- ☐ Same as Client Info
- PO #

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

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	VOCs 8260 B	SVOCs 8270C	Total Metals	Dissolved Metals	PFAS (537) 1,4 Dioxane 8270 (SIM)			Sample Specific Comments	Total Bottles
39200	4125-071521-0002	7/15/21		WG	R.S.L	X	X	X	X	X	X			11
	4125-071521-0003	↓	11:00	WG	↓	X	X	X	X					7

R.S.L.

Container Type: V A P P P A
Preservative: B A C C A A

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	7/15/21 13:30	SECURE STORAGE AAL	7/15/21 13:30
SECURE STORAGE AAL	7/15/21 16:40	RCunningham AAL	7/15/21 16:40
RCunningham AAL	7/15/21 16:40		7/16/21 08:05

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2015-18-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 1 (1/28/2016)

PHOENIX
Environmental Laboratories, Inc.

Friday, July 30, 2021

Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Project ID: **L2138200**
SDG ID: **GCI76366**
Sample ID#s: **CI76366 - CI76374**

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,



Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

July 30, 2021

SDG I.D.: GCI76366

Project ID: L2138200

Client Id	Lab Id	Matrix
4125-071321-1255	CI76366	WATER
4125-071321-1530	CI76367	WATER
4125-071321-1700	CI76368	WATER
4125-071421-1020	CI76369	WATER
4125-071421-1240	CI76370	WATER
4125-071421-0001	CI76371	WATER
4125-071521-0815	CI76372	WATER
4125-071521-1030	CI76373	WATER
4125-071521-0002	CI76374	WATER

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/13/21	12:55
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76366

Project ID: L2138200
Client ID: 4125-071321-1255

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Aluminum	0.178	0.040	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Arsenic	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Barium	0.105	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Calcium	106	0.50	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Chromium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Copper	0.0015	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.019	0.011	mg/L	10	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	0.0026	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	0.119	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	109	0.53	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0056	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	5.32	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	13.0	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	41.1	0.27	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	0.647	0.011	mg/L	10	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	32.9	0.11	mg/L	1	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	0.0059	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071321-1255

Phoenix I.D.: CI76366

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.021	0.021	mg/L	10	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	< 0.011	0.011	mg/L	10	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	< 0.009	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	5.52	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	13.4	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	38.3	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.197	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sodium	33.9	0.10	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Nickel	0.0036	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Lead	0.0006	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Antimony	< 0.0012	0.0012	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Vanadium	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Zinc	0.015	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/13/21	15:30
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76367

Project ID: L2138200
Client ID: 4125-071321-1530

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Aluminum	< 0.040	0.040	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Arsenic	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Barium	0.013	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Calcium	58.8	0.50	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Chromium	0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Copper	< 0.0010	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.003	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	0.105	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	53.9	0.53	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0043	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	0.524	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	5.51	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	5.46	0.011	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	0.193	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	107	1.1	mg/L	10	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	0.0028	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071321-1530

Phoenix I.D.: CI76367

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	< 0.009	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	1.04	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	5.85	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	6.62	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.127	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sodium	109	10	mg/L	100	07/26/21	CPP	SW6010D/E200.7
Nickel	0.0054	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Lead	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Antimony	< 0.0012	0.0012	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Vanadium	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Zinc	0.002	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/13/21	17:00
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76368

Project ID: L2138200
Client ID: 4125-071321-1700

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Aluminum	< 0.040	0.040	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Arsenic	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Barium	0.013	0.005	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Calcium	117	0.50	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Chromium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Copper	0.0138	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.005	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	0.0122	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	112	0.53	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0049	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	< 0.011	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	6.57	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	16.2	0.011	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	7.14	0.11	mg/L	1	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	0.0044	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071321-1700

Phoenix I.D.: CI76368

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	< 0.009	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	0.023	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	6.83	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	18.0	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.140	0.0050	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium	6.97	0.10	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Nickel	0.0082	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Lead	0.0014	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Antimony	0.0012	0.0012	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Vanadium	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Zinc	0.119	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/14/21	10:20
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76369

Project ID: L2138200
Client ID: 4125-071421-1020

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Aluminum	< 0.040	0.040	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Arsenic	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Barium	0.182	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Calcium	162	0.50	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Chromium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Copper	0.0015	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.008	0.005	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	0.179	0.0053	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	158	0.53	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0042	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	0.014	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	0.035	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	7.20	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	18.2	0.011	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	0.241	0.0053	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	96.4	1.1	mg/L	10	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	0.0077	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071421-1020

Phoenix I.D.: CI76369

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	0.0007	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.011	0.011	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	< 0.0053	0.0053	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	0.116	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	0.176	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	7.55	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	21.5	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.311	0.0050	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium	86.1	1.0	mg/L	10	07/26/21	CPP	SW6010D/E200.7
Nickel	0.0061	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Lead	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Antimony	0.0013	0.0012	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Vanadium	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Zinc	< 0.002	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/14/21	12:40
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76370

Project ID: L2138200
Client ID: 4125-071421-1240

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Aluminum	< 0.040	0.040	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Arsenic	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Barium	0.190	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Calcium	119	0.50	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Chromium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Copper	0.0013	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.006	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	0.174	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	115	0.53	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0051	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	6.13	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	7.74	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	27.5	0.27	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	0.354	0.0053	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	50.9	1.1	mg/L	10	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	0.0053	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071421-1240

Phoenix I.D.: CI76370

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	0.0009	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	< 0.009	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	5.59	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	8.38	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	26.8	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.242	0.0050	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium	52.0	0.10	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Nickel	0.0060	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Lead	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Antimony	0.0012	0.0012	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Vanadium	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Zinc	< 0.002	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/14/21	
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76371

Project ID: L2138200
Client ID: 4125-071421-0001

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Aluminum	0.122	0.040	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Arsenic	0.0075	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Barium	0.167	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Calcium	116	0.50	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Chromium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Copper	0.0076	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Iron	6.10	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	8.59	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	26.3	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.250	0.0050	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium	53.0	0.10	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Nickel	0.0100	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Lead	0.0053	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Antimony	< 0.0012	0.0012	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Vanadium	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Zinc	0.033	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8

Sample Disposal	Completed				07/19/21		
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

Ver 1

Project ID: L2138200
Client ID: 4125-071421-0001

Phoenix I.D.: CI76371

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/15/21	8:15
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76372

Project ID: L2138200
Client ID: 4125-071521-0815

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum	< 0.040	0.040	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic	0.0071	0.0016	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium	0.094	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium	39.6	0.050	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium	0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper	0.0013	0.0010	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	< 0.002	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	0.0104	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	0.104	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	39.2	0.53	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0085	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	1.52	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	19.5	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	17.8	0.011	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	0.0488	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	174	1.1	mg/L	10	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	0.0030	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	0.0034	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071521-0815

Phoenix I.D.: CI76372

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	0.0031	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	< 0.009	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	1.56	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	20.1	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	20.8	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.0657	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sodium	185	10	mg/L	100	07/26/21	CPP	SW6010D/E200.7
Nickel	0.0030	0.0010	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead	0.0089	0.0002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Antimony	< 0.0012	0.0012	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium	0.0032	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc	0.005	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Client MS/MSD	Completed				07/21/21		
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/20/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/15/21	10:30
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76373

Project ID: L2138200
Client ID: 4125-071521-1030

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum	0.114	0.040	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic	0.0086	0.0016	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium	0.160	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium	137	0.50	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper	0.0066	0.0010	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.005	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	0.0057	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	0.159	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	134	0.53	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0083	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	7.25	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	12.1	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	110	0.27	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	0.430	0.0053	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	81.8	1.1	mg/L	10	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	0.0093	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071521-1030

Phoenix I.D.: CI76373

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	0.024	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	7.58	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	12.4	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	112	1.0	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Manganese	0.358	0.0050	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium	78.8	1.0	mg/L	10	07/26/21	CPP	SW6010D/E200.7
Nickel	0.0093	0.0010	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead	0.0051	0.0002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Antimony	< 0.0012	0.0012	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium	< 0.0020	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc	0.029	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/15/21	12:30
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76374

Project ID: L2138200
Client ID: 4125-071521-0002

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum	< 0.040	0.040	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic	< 0.0016	0.0016	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium	< 0.002	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium	< 0.050	0.050	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium	0.008	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper	< 0.0010	0.0010	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.003	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	< 0.0014	0.0014	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	< 0.021	0.021	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	< 0.011	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	< 0.02	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	< 0.11	0.11	mg/L	1	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	< 0.0011	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071521-0002

Phoenix I.D.: CI76374

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	< 0.0003	0.0003	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.002	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0003	0.0003	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	< 0.009	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	< 0.010	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	< 0.05	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	< 0.10	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	< 0.0020	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sodium	0.77	0.10	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Nickel	< 0.0010	0.0010	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead	< 0.0002	0.0002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Antimony	< 0.0012	0.0012	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium	0.0104	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc	< 0.002	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/20/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/20/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

July 30, 2021

QA/QC Data

SDG I.D.: GCI76366

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 584179 (mg/L), QC Sample No: CI76372 (CI76366, CI76367, CI76368, CI76369, CI76370, CI76371, CI76372, CI76373, CI76374)													
Mercury (Dissolved)	BRL	0.0002	<0.0002	<0.0002	NC	91.6			89.8	104	14.7	80 - 120	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 584139 (mg/L), QC Sample No: CI76372 (CI76366, CI76367, CI76368, CI76369, CI76370, CI76371, CI76372, CI76373, CI76374)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	107			102	102	0.0	80 - 120	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 584073 (mg/L), QC Sample No: CI76372 (CI76366, CI76367, CI76368, CI76369, CI76370, CI76371, CI76372, CI76373, CI76374)													
ICP Metals - Aqueous													
Iron	BRL	0.010	1.56	1.59	1.90	106	104	1.9	99.8	103	3.2	80 - 120	20
Sodium	BRL	0.10	185	210	12.7	109	108	0.9	NC	NC	NC	80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 584115 (mg/L), QC Sample No: CI76372 (CI76366, CI76367, CI76368, CI76369, CI76370, CI76372, CI76373)													
ICP Metals - Dissolved													
Iron	BRL	0.011	1.52	1.51	0.70	91.7	91.9	0.2	109	109	0.0	80 - 120	20
Sodium	BRL	0.11	174	194	10.9	112	109	2.7	NC	NC	NC	80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 584217 (mg/L), QC Sample No: CI76374 (CI76374)													
ICP Metals - Dissolved													
Iron	BRL	0.011	<0.011	<0.011	NC	94.2	94.2	0.0	97.8			80 - 120	20
Sodium	BRL	0.11	<0.11	<0.11	NC	111	109	1.8	109			80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 584071 (mg/L), QC Sample No: CI76357 2X (CI76366, CI76367, CI76368, CI76369, CI76370, CI76371, CI76373, CI76374)													
ICP MS Metals - Aqueous													
Aluminum	BRL	0.040	0.063	0.062	NC	111	109	1.8	121			80 - 120	20
Antimony	BRL	0.0012	<0.0012	<0.0012	NC	110	110	0.0	113			80 - 120	20
Arsenic	BRL	0.0016	0.0038	0.0033	NC	113	113	0.0	114			80 - 120	20
Barium	BRL	0.002	0.008	0.008	0	101	101	0.0	99.8			80 - 120	20
Beryllium	BRL	0.0016	<0.0016	<0.0016	NC	110	107	2.8	103			80 - 120	20
Cadmium	BRL	0.0004	<0.0004	<0.0004	NC	111	112	0.9	108			80 - 120	20
Chromium	BRL	0.004	<0.004	0.005	NC	103	100	3.0	114			80 - 120	20
Cobalt	BRL	0.0020	<0.0020	<0.0020	NC	105	104	1.0	104			80 - 120	20
Copper	BRL	0.0010	0.034	0.0285	17.6	112	113	0.9	116			80 - 120	20

QA/QC Data

SDG I.D.: GCI76366

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Lead	BRL	0.0002	0.0047	0.0045	4.30	107	109	1.9	96.4			80 - 120	20	
Magnesium	BRL	0.10	17.2	17.1	0.60	103	104	1.0	NC			80 - 120	20	
Manganese	BRL	0.0020	0.0406	0.0410	1.00	107	103	3.8	96.6			80 - 120	20	
Nickel	BRL	0.0010	0.0052	0.0047	10.1	108	109	0.9	104			80 - 120	20	
Selenium	BRL	0.004	<0.004	<0.004	NC	122	121	0.8	94.2			80 - 120	20	l
Silver	BRL	0.0004	<0.0004	<0.0004	NC	108	108	0.0	95.8			80 - 120	20	
Thallium	BRL	0.0002	<0.0002	<0.0002	NC	104	106	1.9	94.2			80 - 120	20	
Vanadium	BRL	0.0020	<0.0020	<0.0020	NC	102	97.2	4.8	90.6			80 - 120	20	
Zinc	BRL	0.002	0.042	0.041	2.40	117	118	0.9	124			80 - 120	20	

Comment:

Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

QA/QC Batch 584116 (mg/L), QC Sample No: CI76372 2X (CI76366, CI76367, CI76368, CI76369, CI76370, CI76372, CI76373)

ICP Metals MS - Dissolved

Aluminum	BRL	0.002	<0.002	0.005	NC	106	108	1.9	96.1	99.3	3.3	80 - 120	20	
Antimony	BRL	0.0006	<0.0006	<0.0006	NC	89.3	93.2	4.3	86.4	90.6	4.7	80 - 120	20	
Arsenic	BRL	0.0021	0.0104	0.0090	14.4	84.7	90.8	7.0	78.8	86.4	9.2	80 - 120	20	
Barium	BRL	0.0021	0.104	0.105	1.00	90.6	93.7	3.4	79.2	75.1	5.3	80 - 120	20	
Beryllium	BRL	0.0021	<0.0021	<0.0021	NC	95.6	98.0	2.5	91.3	95.0	4.0	80 - 120	20	
Cadmium	BRL	0.0004	<0.0004	<0.0004	NC	92.6	96.1	3.7	89.0	91.7	3.0	80 - 120	20	
Calcium	BRL	0.021	39.2	39.8	1.50	96.0	98.3	2.4	NC	NC	NC	80 - 120	20	
Chromium	BRL	0.0021	0.0085	0.0104	20.1	102	106	3.8	106	105	0.9	80 - 120	20	
Cobalt	BRL	0.0021	<0.0021	<0.0021	NC	94.1	99.6	5.7	94.8	95.9	1.2	80 - 120	20	
Copper	BRL	0.011	<0.011	<0.011	NC	102	107	4.8	91.0	95.6	4.9	80 - 120	20	
Lead	BRL	0.0021	0.0034	0.0033	NC	93.6	95.8	2.3	85.5	86.7	1.4	80 - 120	20	
Magnesium	BRL	0.011	17.8	17.9	0.60	88.1	92.7	5.1	NC	NC	NC	80 - 120	20	
Manganese	BRL	0.0021	0.0488	0.0487	0.20	97.4	101	3.6	84.3	95.6	12.6	80 - 120	20	
Nickel	BRL	0.0011	0.0030	0.0028	6.90	94.8	96.5	1.8	91.7	91.0	0.8	80 - 120	20	
Potassium	BRL	0.02	19.5	20.7	6.00	91.9	96.2	4.6	NC	NC	NC	80 - 120	20	
Selenium	BRL	0.004	<0.004	<0.004	NC	95.4	95.8	0.4	79.6	75.3	5.6	80 - 120	20	
Silver	BRL	0.0004	<0.0004	<0.0004	NC	98.2	101	2.8	86.2	89.5	3.8	80 - 120	20	
Thallium	BRL	0.0006	<0.0006	<0.0006	NC	92.3	96.1	4.0	86.0	87.5	1.7	80 - 120	20	
Vanadium	BRL	0.0021	0.0031	<0.0021	NC	89.1	88.6	0.6	98.3	96.9	1.4	80 - 120	20	
Zinc	BRL	0.009	<0.009	<0.009	NC	91.9	97.4	5.8	85.6	86.2	0.7	80 - 120	20	

Comment:

Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

QA/QC Batch 584222 (mg/L), QC Sample No: CI76372 5X (CI76372)

ICP MS Metals - Aqueous

Aluminum	BRL	0.10	<0.040	<0.040	NC	122	111	9.4	104	96.6	7.4	80 - 120	20	l
Antimony	BRL	0.0030	<0.0012	<0.0012	NC	114	105	8.2	110	106	3.7	80 - 120	20	
Arsenic	BRL	0.0040	0.0071	0.0072	1.40	115	110	4.4	111	105	5.6	80 - 120	20	
Barium	BRL	0.005	0.094	0.096	2.10	108	101	6.7	107	87.0	20.6	80 - 120	20	r
Beryllium	BRL	0.0040	<0.0016	<0.0016	NC	122	107	13.1	103	100	3.0	80 - 120	20	l
Cadmium	BRL	0.0010	<0.0004	<0.0004	NC	118	107	9.8	107	106	0.9	80 - 120	20	
Chromium	BRL	0.010	0.004	0.004	NC	117	101	14.7	100	95.2	4.9	80 - 120	20	
Cobalt	BRL	0.0050	<0.0020	<0.0020	NC	112	102	9.3	101	98.0	3.0	80 - 120	20	
Copper	BRL	0.0025	0.0013	0.0018	NC	114	104	9.2	99.8	98.4	1.4	80 - 120	20	
Lead	BRL	0.0005	0.0089	0.0091	2.20	115	106	8.1	102	97.6	4.4	80 - 120	20	
Magnesium	BRL	0.10	20.8	19.7	5.40	100	103	3.0	NC	NC	NC	80 - 120	20	
Manganese	BRL	0.0050	0.0657	0.0677	3.00	106	97.6	8.3	100	102	2.0	80 - 120	20	
Nickel	BRL	0.0025	0.0030	0.0039	26.1	117	107	8.9	104	99.2	4.7	80 - 120	20	r
Selenium	BRL	0.010	<0.004	<0.004	NC	101	118	15.5	112	107	4.6	80 - 120	20	

QA/QC Data

SDG I.D.: GCI76366

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Silver	BRL	0.0010	<0.0004	<0.0004	NC	107	98.4	8.4	95.0	93.2	1.9	80 - 120	20	
Thallium	BRL	0.0005	<0.0002	<0.0002	NC	110	103	6.6	99.0	94.0	5.2	80 - 120	20	
Vanadium	BRL	0.0050	0.0032	0.0054	NC	102	92.4	9.9	85.8	79.6	7.5	80 - 120	20	
Zinc	BRL	0.005	0.005	0.005	0	124	116	6.7	110	107	2.8	80 - 120	20	l
Comment:														
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.														
QA/QC Batch 584282 (mg/L), QC Sample No: CI76374 2X (CI76374)														
ICP Metals MS - Dissolved														
Aluminum	BRL	0.002	0.003	0.004	NC	121	116	4.2	109			80 - 120	20	l
Antimony	BRL	0.0006	<0.0003	<0.0006	NC	101	98.9	2.1	98.3			80 - 120	20	
Arsenic	BRL	0.0021	<0.0014	<0.0021	NC	103	102	1.0	99.1			80 - 120	20	
Barium	BRL	0.0021	<0.0021	<0.0021	NC	100	97.8	2.2	95.4			80 - 120	20	
Beryllium	BRL	0.0021	<0.0021	<0.0021	NC	110	109	0.9	104			80 - 120	20	
Cadmium	BRL	0.0004	<0.0004	<0.0004	NC	103	100	3.0	99.8			80 - 120	20	
Calcium	BRL	0.021	<0.021	<0.021	NC	103	101	2.0	101			80 - 120	20	
Chromium	BRL	0.0021	<0.0021	<0.0021	NC	116	107	8.1	102			80 - 120	20	
Cobalt	BRL	0.0021	<0.0021	<0.0021	NC	103	103	0.0	100			80 - 120	20	
Copper	BRL	0.011	<0.011	<0.011	NC	105	99.4	5.5	102			80 - 120	20	
Lead	BRL	0.0021	<0.0021	<0.0021	NC	108	108	0.0	105			80 - 120	20	
Magnesium	BRL	0.011	<0.011	<0.011	NC	104	103	1.0	101			80 - 120	20	
Manganese	BRL	0.0021	<0.0021	<0.0021	NC	101	103	2.0	98.5			80 - 120	20	
Nickel	BRL	0.0011	<0.0011	<0.0011	NC	101	100	1.0	98.3			80 - 120	20	
Potassium	BRL	0.02	<0.02	<0.02	NC	98.1	97.5	0.6	96.5			80 - 120	20	
Selenium	BRL	0.004	<0.002	<0.004	NC	106	104	1.9	103			80 - 120	20	
Silver	BRL	0.0004	<0.0004	<0.0004	NC	101	99.4	1.6	100			80 - 120	20	
Thallium	BRL	0.0006	<0.0003	<0.0006	NC	110	106	3.7	106			80 - 120	20	
Vanadium	BRL	0.0021	<0.0021	<0.0021	NC	101	93.6	7.6	92.1			80 - 120	20	
Zinc	BRL	0.009	<0.009	<0.009	NC	108	102	5.7	103			80 - 120	20	
Comment:														
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.														

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
July 30, 2021

Friday, July 30, 2021

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCI76366 - ALPHA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Serial_No:07302114:00

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 30, 2021 SDG I.D.: GCI76366

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

ICP Metals Narration

ICPMS 07/22/21 14:25: CI76366, CI76367, CI76368, CI76369, CI76370, CI76372, CI76373
The following Continuing Calibration Verification (CCV) compounds did not meet criteria:
CCV 07/22/21 16:45: Silver 88% (90-110) CI76366, CI76367, CI76368, CI76369, CI76370, CI76373

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

July 30, 2021

SDG I.D.: GCI76366

The samples in this delivery group were received at 3.2°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

WCico 3.2

Subcontract Chain of Custody

Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040

Alpha Job Number
L2138200

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Phone: 716.427.5225
Email: bpirinelli@alphalab.com

Project Information

Project Location: NY
Project Manager: Brenda Pirinelli

Turnaround & Deliverables Information

Due Date: 07/26/21
Deliverables:

Regulatory Requirements/Report Limits

State/Federal Program:
Regulatory Criteria:

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2138200

Report to include Method Blank, LCS/LCSD: YES

Additional Comments: Send all results/reports to subreports@alphalab.com SUB-TAL 6020: Run Total TAL Metals by Method 6020 SUB-METALS 6020: Run Dissolved TAL Metals by Method 6020

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
76366	4125-071321-1255	07-13-21 12:55	WATER	Metals 6020; TAL 6020 Metals	
76367	4125-071321-1530	07-13-21 15:30	WATER	Metals 6020; TAL 6020 Metals	
76368	4125-071321-1700	07-13-21 17:00	WATER	Metals 6020; TAL 6020 Metals	
76369	4125-071421-1020	07-14-21 10:20	WATER	Metals 6020; TAL 6020 Metals	
76370	4125-071421-1240	07-14-21 12:40	WATER	Metals 6020; TAL 6020 Metals	
76371	4125-071421-0001	07-14-21 00:00	WATER	TAL 6020 Metals	
76372	4125-071521-0815	07-15-21 08:15	WATER	Metals 6020; TAL 6020 Metals	MS;MSD
76373	4125-071521-1030	07-15-21 10:30	WATER	Metals 6020; TAL 6020 Metals	
76374	4125-071521-0002	07-15-21 12:30	WATER	Metals 6020; TAL 6020 Metals	

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature] Kelly Smith	07/19/21	Kelly Smith	7/19/21 915
Kelly Smith	7/19/21	[signature]	7/19 1355

Form No: AL_subcoc

Rec: 2x HNO_3 each

Serial_No:07302114:00

PHOENIX
Environmental Laboratories, Inc.

Friday, July 30, 2021

Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Project ID: L2138200
SDG ID: GCI76375
Sample ID#s: CI76375

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

July 30, 2021

SDG I.D.: GCI76375

Project ID: L2138200

Client Id	Lab Id	Matrix
4125-071521-00003	CI76375	WATER

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/15/21	11:00
Location Code:	ALPHA	Received by:	LB	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76375
Phoenix ID: CI76375

Project ID: L2138200
Client ID: 4125-071521-00003

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Aluminum	< 0.040	0.040	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Arsenic	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Barium	< 0.002	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Calcium	< 0.050	0.050	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Chromium	0.009	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Copper	< 0.0010	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.006	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	0.032	0.021	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0163	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	< 0.011	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	< 0.02	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	0.013	0.011	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	< 0.11	0.11	mg/L	1	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	< 0.0011	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071521-00003

Phoenix I.D.: CI76375

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	0.0033	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	< 0.009	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	< 0.010	0.010	mg/L	1	07/24/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	< 0.05	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	< 0.10	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.0024	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sodium	< 0.10	0.10	mg/L	1	07/24/21	CPP	SW6010D/E200.7
Nickel	< 0.0010	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Lead	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Antimony	< 0.0012	0.0012	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Vanadium	0.0148	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Zinc	0.003	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/21/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

July 30, 2021

QA/QC Data

SDG I.D.: GCI76375

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 584140 (mg/L), QC Sample No: CI76347 (CI76375)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	105			97.5			80 - 120	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 584179 (mg/L), QC Sample No: CI76372 (CI76375)													
Mercury (Dissolved)	BRL	0.0002	<0.0002	<0.0002	NC	91.6			89.8	104	14.7	80 - 120	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 584115 (mg/L), QC Sample No: CI76372 (CI76375)													
ICP Metals - Dissolved													
Iron	BRL	0.011	1.52	1.51	0.70	91.7	91.9	0.2	109	109	0.0	80 - 120	20
Sodium	BRL	0.11	174	194	10.9	112	109	2.7	NC	NC	NC	80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 584427 (mg/L), QC Sample No: CI77308 (CI76375)													
ICP Metals - Aqueous													
Iron	BRL	0.010	0.107	0.103	3.80	106	105	0.9	104			80 - 120	20
Sodium	BRL	0.10	12.3	12.0	2.50	89.9	89.8	0.1	NC			80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 584071 (mg/L), QC Sample No: CI76357 2X (CI76375)													
ICP MS Metals - Aqueous													
Aluminum	BRL	0.040	0.063	0.062	NC	111	109	1.8	121			80 - 120	20
Antimony	BRL	0.0012	<0.0012	<0.0012	NC	110	110	0.0	113			80 - 120	20
Arsenic	BRL	0.0016	0.0038	0.0033	NC	113	113	0.0	114			80 - 120	20
Barium	BRL	0.002	0.008	0.008	0	101	101	0.0	99.8			80 - 120	20
Beryllium	BRL	0.0016	<0.0016	<0.0016	NC	110	107	2.8	103			80 - 120	20
Cadmium	BRL	0.0004	<0.0004	<0.0004	NC	111	112	0.9	108			80 - 120	20
Chromium	BRL	0.004	<0.004	0.005	NC	103	100	3.0	114			80 - 120	20
Cobalt	BRL	0.0020	<0.0020	<0.0020	NC	105	104	1.0	104			80 - 120	20
Copper	BRL	0.0010	0.034	0.0285	17.6	112	113	0.9	116			80 - 120	20
Lead	BRL	0.0002	0.0047	0.0045	4.30	107	109	1.9	96.4			80 - 120	20
Magnesium	BRL	0.10	17.2	17.1	0.60	103	104	1.0	NC			80 - 120	20
Manganese	BRL	0.0020	0.0406	0.0410	1.00	107	103	3.8	96.6			80 - 120	20
Nickel	BRL	0.0010	0.0052	0.0047	10.1	108	109	0.9	104			80 - 120	20
Selenium	BRL	0.004	<0.004	<0.004	NC	122	121	0.8	94.2			80 - 120	20
Silver	BRL	0.0004	<0.0004	<0.0004	NC	108	108	0.0	95.8			80 - 120	20
Thallium	BRL	0.0002	<0.0002	<0.0002	NC	104	106	1.9	94.2			80 - 120	20
Vanadium	BRL	0.0020	<0.0020	<0.0020	NC	102	97.2	4.8	90.6			80 - 120	20
Zinc	BRL	0.002	0.042	0.041	2.40	117	118	0.9	124			80 - 120	20

QA/QC Data

SDG I.D.: GCI76375

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 584116 (mg/L), QC Sample No: CI76372 2X (CI76375)													
ICP Metals MS - Dissolved													
Aluminum	BRL	0.002	<0.002	0.005	NC	106	108	1.9	96.1	99.3	3.3	80 - 120	20
Antimony	BRL	0.0006	<0.0006	<0.0006	NC	89.3	93.2	4.3	86.4	90.6	4.7	80 - 120	20
Arsenic	BRL	0.0021	0.0104	0.0090	14.4	84.7	90.8	7.0	78.8	86.4	9.2	80 - 120	20
Barium	BRL	0.0021	0.104	0.105	1.00	90.6	93.7	3.4	79.2	75.1	5.3	80 - 120	20
Beryllium	BRL	0.0021	<0.0021	<0.0021	NC	95.6	98.0	2.5	91.3	95.0	4.0	80 - 120	20
Cadmium	BRL	0.0004	<0.0004	<0.0004	NC	92.6	96.1	3.7	89.0	91.7	3.0	80 - 120	20
Calcium	BRL	0.021	39.2	39.8	1.50	96.0	98.3	2.4	NC	NC	NC	80 - 120	20
Chromium	BRL	0.0021	0.0085	0.0104	20.1	102	106	3.8	106	105	0.9	80 - 120	20
Cobalt	BRL	0.0021	<0.0021	<0.0021	NC	94.1	99.6	5.7	94.8	95.9	1.2	80 - 120	20
Copper	BRL	0.011	<0.011	<0.011	NC	102	107	4.8	91.0	95.6	4.9	80 - 120	20
Lead	BRL	0.0021	0.0034	0.0033	NC	93.6	95.8	2.3	85.5	86.7	1.4	80 - 120	20
Magnesium	BRL	0.011	17.8	17.9	0.60	88.1	92.7	5.1	NC	NC	NC	80 - 120	20
Manganese	BRL	0.0021	0.0488	0.0487	0.20	97.4	101	3.6	84.3	95.6	12.6	80 - 120	20
Nickel	BRL	0.0011	0.0030	0.0028	6.90	94.8	96.5	1.8	91.7	91.0	0.8	80 - 120	20
Potassium	BRL	0.02	19.5	20.7	6.00	91.9	96.2	4.6	NC	NC	NC	80 - 120	20
Selenium	BRL	0.004	<0.004	<0.004	NC	95.4	95.8	0.4	79.6	75.3	5.6	80 - 120	20
Silver	BRL	0.0004	<0.0004	<0.0004	NC	98.2	101	2.8	86.2	89.5	3.8	80 - 120	20
Thallium	BRL	0.0006	<0.0006	<0.0006	NC	92.3	96.1	4.0	86.0	87.5	1.7	80 - 120	20
Vanadium	BRL	0.0021	0.0031	<0.0021	NC	89.1	88.6	0.6	98.3	96.9	1.4	80 - 120	20
Zinc	BRL	0.009	<0.009	<0.009	NC	91.9	97.4	5.8	85.6	86.2	0.7	80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
July 30, 2021

Friday, July 30, 2021

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCI76375 - ALPHA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 30, 2021 SDG I.D.: GCI76375

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

July 30, 2021

SDG I.D.: GCI76375

The samples in this delivery group were received at 3.2°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

WCice 3.2

Subcontract Chain of Custody

Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040

Alpha Job Number
L2138200

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Phone: 716.427.5225
Email: bpirinelli@alphalab.com

Project Information

Project Location: NY
Project Manager: Brenda Pirinelli

Turnaround & Deliverables Information

Due Date: 07/26/21
Deliverables:

Regulatory Requirements/Report Limits

State/Federal Program:

Regulatory Criteria:

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2138200

Report to include Method Blank, LCS/LCSD: YES

Additional Comments: Send all results/reports to subreports@alphalab.com SUB-TAL 6020: Run Total TAL Metals by Method 6020 SUB-METALS 6020: Run Dissolved TAL Metals by Method 6020

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
76375	4125-071521-0003	07-15-21 11:00	WATER	Metals 6020; TAL 6020 Metals	

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	[signature]	07/19/21	[signature]	7/19/21 915
	[signature]	7/19/21	[signature]	7/19 1355
Form No: AL_subcoc				

Serial_No:07302114:00

ANALYTICAL REPORT

Lab Number:	L2139979
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	TROWBRIDGE GW SAMPLING
Project Number:	0200336-001
Report Date:	08/02/21

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

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

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

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-001

Lab Number: L2139979
Report Date: 08/02/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2139979-01	4125-072621-0930	WATER	ROCHESTER, NY	07/26/21 09:30	07/26/21

Project Name:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2139979
Project Number:	0200336-001	**Report Date:**	08/02/21

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:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2139979
Project Number:	0200336-001	**Report Date:**	08/02/21

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.

Volatile Organics

L2139979-01: The surrogate recovery is outside the acceptance criteria for toluene-d8 (133%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2139979-01 and 01D: The pH of the sample was greater than two; however, the sample was analyzed within the method required holding time.

L2139979-01: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The results should be considered estimated, and are qualified with an E flag, for any compounds that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compounds that exceeded the calibration range.

L2139979-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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: Sebastian Corbin

Title: Technical Director/Representative Date: 08/02/21

ORGANICS

VOLATILES

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-001
Lab Number: L2139979
Report Date: 08/02/21

SAMPLE RESULTS

Lab ID: L2139979-01
Client ID: 4125-072621-0930
Sample Location: ROCHESTER, NY

Date Collected: 07/26/21 09:30
Date Received: 07/26/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/29/21 19:43
Analyst: AJK

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	24		ug/l	0.50	0.16	1
Toluene	28		ug/l	2.5	0.70	1
Ethylbenzene	64		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2139979

Project Number: 0200336-001 **Report Date:** 08/02/21

SAMPLE RESULTS

Lab ID: L2139979-01 Date Collected: 07/26/21 09:30

Client ID: 4125-072621-0930 Date Received: 07/26/21

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	440	E	ug/l	2.5	0.70	1
o-Xylene	8.7		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	38		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	230	E	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	420	E	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	**133**	Q	70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	83		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2139979

Project Number: 0200336-001 **Report Date:** 08/02/21

SAMPLE RESULTS

Lab ID: L2139979-01 D
Client ID: 4125-072621-0930
Sample Location: ROCHESTER, NY

Date Collected: 07/26/21 09:30
Date Received: 07/26/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/02/21 09:18
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	400		ug/l	12	3.5	5
Cyclohexane	270		ug/l	50	1.4	5
Methyl cyclohexane	410		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	89		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2139979

Project Number: 0200336-001 **Report Date:** 08/02/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/29/21 10:46
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1529892-5					
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: TROWBRIDGE GW SAMPLING **Lab Number:** L2139979

Project Number: 0200336-001 **Report Date:** 08/02/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/29/21 10:46
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1529892-5					
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
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-001
Lab Number: L2139979
Report Date: 08/02/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/29/21 10:46
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1529892-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2139979

Project Number: 0200336-001 **Report Date:** 08/02/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/21 08:25
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1530512-5					
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	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
Cyclohexane	ND		ug/l	10	0.27
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-001

Lab Number: L2139979
Report Date: 08/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1529892-3 WG1529892-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	97		95		70-130	2		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	96		93		70-130	3		20
Dibromochloromethane	99		95		63-130	4		20
1,1,2-Trichloroethane	94		93		70-130	1		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	92		88		70-130	4		20
1,1,1-Trichloroethane	98		96		67-130	2		20
Bromodichloromethane	99		96		67-130	3		20
trans-1,3-Dichloropropene	97		92		70-130	5		20
cis-1,3-Dichloropropene	100		95		70-130	5		20
Bromoform	84		85		54-136	1		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	100		98		64-130	2		20
Bromomethane	130		130		39-139	0		20
Vinyl chloride	92		86		55-140	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-001

Lab Number: L2139979

Report Date: 08/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1529892-3 WG1529892-4								
Chloroethane	130		120		55-138	8		20
1,1-Dichloroethene	100		99		61-145	1		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	95		88		70-130	8		20
1,2-Dichlorobenzene	100		98		70-130	2		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	100		98		63-130	2		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Styrene	110		105		70-130	5		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	86		73		58-148	16		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	85		76		63-138	11		20
4-Methyl-2-pentanone	68		67		59-130	1		20
2-Hexanone	84		78		57-130	7		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	97		100		70-130	3		20
1,2-Dibromo-3-chloropropane	78		75		41-144	4		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	87		84		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-001

Lab Number: L2139979
Report Date: 08/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1529892-3 WG1529892-4								
1,2,4-Trichlorobenzene	92		92		70-130	0		20
Methyl Acetate	94		90		70-130	4		20
Cyclohexane	89		86		70-130	3		20
1,4-Dioxane	82		78		56-162	5		20
Freon-113	130		120		70-130	8		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		98		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	94		99		70-130
Dibromofluoromethane	105		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-001

Lab Number: L2139979

Report Date: 08/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1530512-3 WG1530512-4								
Benzene	110		100		70-130	10		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
p/m-Xylene	110		100		70-130	10		20
o-Xylene	105		100		70-130	5		20
Cyclohexane	110		100		70-130	10		20
Methyl cyclohexane	100		99		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		91		70-130
Toluene-d8	104		103		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	104		103		70-130

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-001

Lab Number: L2139979
Report Date: 08/02/21

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(*)
L2139979-01A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2139979-01B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2139979-01C	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2139979
Project Number:	0200336-001	**Report Date:**	08/02/21

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:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2139979
Project Number:	0200336-001	**Report Date:**	08/02/21

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:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2139979
Project Number:	0200336-001	**Report Date:**	08/02/21

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2139979
Project Number:	0200336-001	**Report Date:**	08/02/21

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.

CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

Service Centers
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430
Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 7/27/21

ALPHA Job #: L2139979

H&A Information
H&A Client:
H&A Address: 200 Town Centre Dr
Rochester, NY
H&A Phone: 614-564-7088
H&A Fax:
H&A Email: SMckenna@haleyaldrich.com

Project Information
Project Name: Trowbridge GW Sampling
Project Location: Rochester, NY
Project # 0200336-001
(Use Project name as Project #)
Project Manager: Janice Szucs
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] Email [ ] Fax
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other:

Billing Information
[ ] Same as Client Info
PO #

Regulatory Requirements (Program/Criteria)
Note: Select State from menu & identify criteria.

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 VOCs 8260	Sample Specific Comments	Total Bottles
39979-01	4125-072621-0930	7/26/21	9:30	WG	R.S.L.	X	Normal	3

R.S.L.

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	B		

Relinquished By:	Date/Time	Received By:	Date/Time
Robert Hyslip	7/26/21 10:15	SECURE STORAGE AAL	7-26-21 10:15
SECURE STORAGE AAL	7/26/21 1300	RCunningham AAL	7/26/21 13:00
R Cunningham AAL	7/26/21 13:00		7/27/21 0015

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2015-18-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

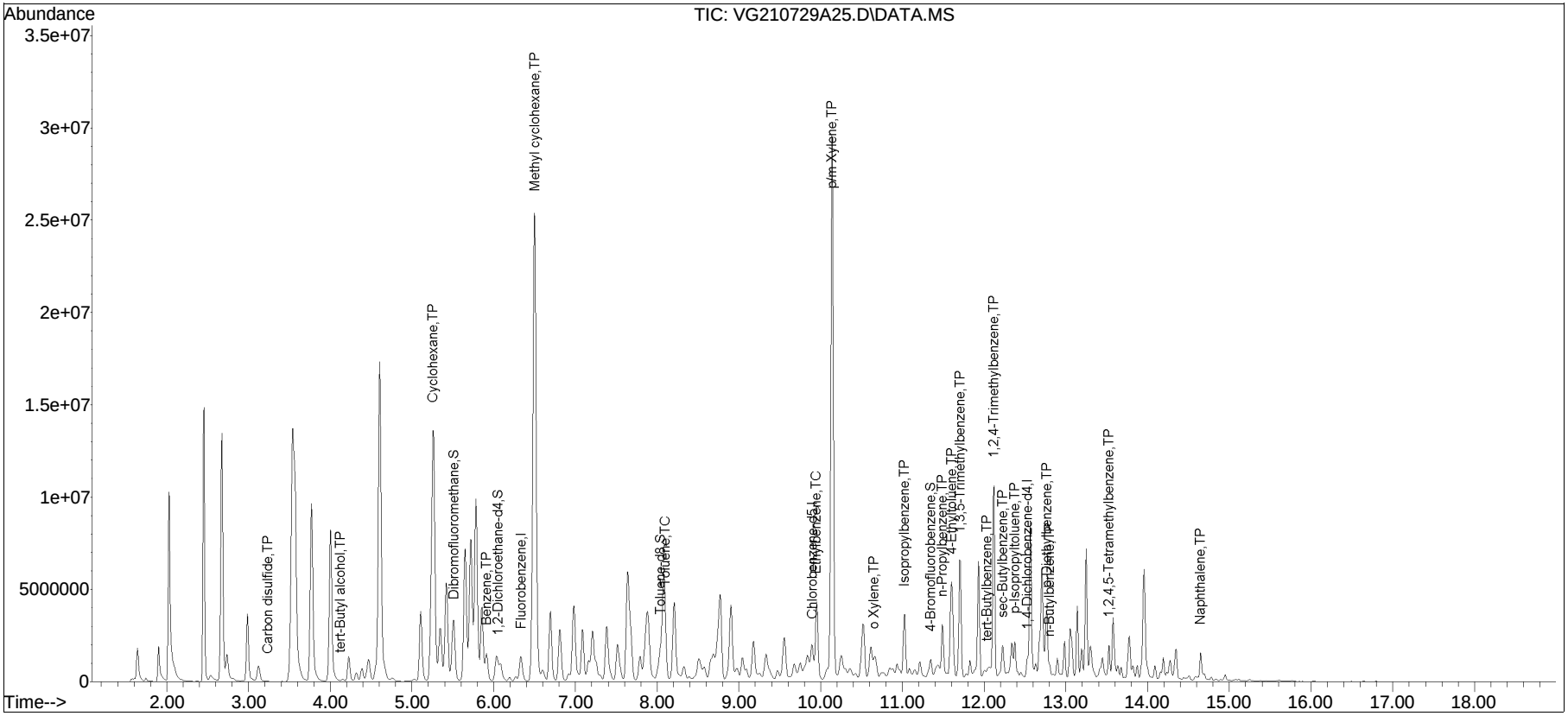
Document ID: 20455 Rev 1 (1/28/2016)

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Gonzo\2021\210729A\
Data File : VG210729A25.D
Acq On : 29 Jul 2021 7:43 pm
Operator : GONZO:AJK
Sample : L2139979-01,31,10,10,,A,PRI
Misc : WG1529892,ICAL18092
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 29 21:40:52 2021
Quant Method : I:\VOLATILES\Gonzo\2021\210729A\G_210625N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Jun 26 08:53:36 2021
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane



ANALYTICAL REPORT

Lab Number:	L2138200
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Santa McKenna
Phone:	(585) 321-4238
Project Name:	TROWBRIDGE GW SAMPLING
Project Number:	0200336-008 001 01
Report Date:	07/30/21

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

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

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

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2138200-01	4125-071321-0001	WATER	ROCHESTER, NY	07/13/21 00:00	07/15/21
L2138200-02	4125-071321-1255	WATER	ROCHESTER, NY	07/13/21 12:55	07/15/21
L2138200-03	4125-071321-1530	WATER	ROCHESTER, NY	07/13/21 15:30	07/15/21
L2138200-04	4125-071321-1700	WATER	ROCHESTER, NY	07/13/21 17:00	07/15/21
L2138200-05	4125-071421-1020	WATER	ROCHESTER, NY	07/14/21 10:20	07/15/21
L2138200-06	4125-071421-1240	WATER	ROCHESTER, NY	07/14/21 12:40	07/15/21
L2138200-07	4125-071421-0001	WATER	ROCHESTER, NY	07/14/21 00:00	07/15/21
L2138200-08	4125-071521-0001	WATER	ROCHESTER, NY	07/15/21 00:00	07/15/21
L2138200-09	4125-071521-0815	WATER	ROCHESTER, NY	07/15/21 08:15	07/15/21
L2138200-10	4125-071521-1030	WATER	ROCHESTER, NY	07/15/21 10:30	07/15/21
L2138200-11	4125-071521-0002	WATER	ROCHESTER, NY	07/15/21 12:30	07/15/21
L2138200-12	4125-071521-0003	WATER	ROCHESTER, NY	07/15/21 11:00	07/15/21

Project Name:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

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:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

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.

The Metals analyses were 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.

Sample Receipt

L2138200-06 and -07: Two containers for Subcontracted Dissolved Metals were received labelled as "4125-071421-1240", and a container for Subcontracted Dissolved Metals for "4125-071421-0001" was not received. At the client's request, the sample containers were assigned randomly and analyzed.

Volatile Organics

L2138200-09D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1527695-6/-7 MS/MSD recoveries, performed on L2138200-09, are outside the acceptance criteria for ethylbenzene (MSD 40%) and 2-butanone (172%/166%); however, the associated LCS/LCSD recoveries are within overall method allowances. No further action was required.

Semivolatile Organics

The WG1525059-2/-3 LCS/LCSD RPD, associated with L2138200-02 through -07, -09, -10, and -11, is above the acceptance criteria for 4-chloroaniline (37%).

The WG1525934-2 LCS recoveries, associated with L2138200-12, are below the individual acceptance criteria for bis(2-chloroethyl)ether (38%), bis(2-chloroisopropyl)ether (36%), isophorone (38%), 4-chloroaniline (24%), and benzaldehyde (37%), but within the overall method allowances. The results of the associated sample are reported.

The WG1525934-2/-3 LCS/LCSD RPDs, associated with L2138200-12, are above the acceptance criteria for

Project Name:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

Case Narrative (continued)

bis(2-chloroethyl)ether (54%), 2,4-dinitrotoluene (35%), 2,6-dinitrotoluene (35%), 4-chlorophenyl phenyl ether (41%), 4-bromophenyl phenyl ether (35%), bis(2-chloroisopropyl)ether (59%), bis(2-chloroethoxy)methane (54%), hexachlorocyclopentadiene (60%), isophorone (54%), nitrobenzene (51%), nitrosodiphenylamine(ndpa)/dpa (34%), n-nitrosodi-n-propylamine (53%), dimethyl phthalate (32%), biphenyl (50%), 4-chloroaniline (50%), 2-nitroaniline (40%), dibenzofuran (48%), 1,2,4,5-tetrachlorobenzene (53%), acetophenone (53%), 2,4,6-trichlorophenol (47%), p-chloro-m-cresol (41%), 2-chlorophenol (52%), 2,4-dichlorophenol (54%), 2,4-dimethylphenol (58%), 2-nitrophenol (55%), phenol (46%), 2-methylphenol (52%), 3-methylphenol/4-methylphenol (52%), 2,4,5-trichlorophenol (38%), benzaldehyde (55%), and 2,3,4,6-tetrachlorophenol (34%).

The WG1525059-4/-5 MS/MSD recoveries, performed on L2138200-09, are outside the acceptance criteria for 3,3'-dichlorobenzidine (11%/17%), nitrobenzene (150%/180%), 4-chloroaniline (34%/32%), 4-nitroaniline (MS 49%), acetophenone (190%/230%), 4-nitrophenol (99%/100%), and phenol (180%/210%). The MS/MSD RPD is outside the acceptance criteria for 3,3'-dichlorobenzidine (40%).

The WG1525059-4/-5 MS/MSD recoveries, performed on L2138200-09, are below the acceptance criteria for benzaldehyde (0%/0%) and caprolactam (0%/0%) due to the concentrations of these compounds in the MS/MSD falling below the reported detection limits.

Semivolatile Organics by SIM

L2138200-02, -03, -04, and -09D: The surrogate recovery is outside the individual acceptance criteria for 2,4,6-tribromophenol (154%, 151%, 144%, and 157%, respectively), but within the overall method allowances. The results of the original analysis are reported.

L2138200-09D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

WG1525060-1: The surrogate recovery is above the acceptance criteria for 2,4,6-tribromophenol (122%). Since the blank was non-detect for all target analytes, re-analysis was not required.

The surrogate recoveries for the WG1525060-2/-3 LCS/LCSD, associated with L2138200-02 through -07, -09D, -10, and -11, are outside the acceptance criteria for 2,4,6-tribromophenol (138%/148%). The LCS spike

Project Name:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

Case Narrative (continued)

compounds are within overall method allowances; therefore, no further action was taken.
The WG1525060-4/-5 MS/MSD recoveries, performed on L2138200-09, are outside the acceptance criteria for naphthalene (0%/0%) and 2-methylnaphthalene (0%/6%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.
The WG1525060-4/-5 MS/MSD recoveries, performed on L2138200-09, are outside the acceptance criteria for pentachlorophenol (150%/160%) and hexachloroethane (180%/220%).
The surrogate recoveries for the WG1525060-4/-5 MS/MSD, performed on L2138200-09, are outside the acceptance criteria for 2,4,6-tribromophenol (153%/170%) and nitrobenzene-d5 (MSD 131%).

Perfluorinated Alkyl Acids by Isotope Dilution
L2138200-04 through -07 and -11: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA Surrogate (Extracted Internal Standard).
L2138200-04 through -07, WG1525651-3, and WG1525651-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

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

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 07/30/21

ORGANICS

VOLATILES

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-01
Client ID: 4125-071321-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 09:36
Analyst: LAC

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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-01 Date Collected: 07/13/21 00:00

Client ID: 4125-071321-0001 Date Received: 07/15/21

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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	104		70-130

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-02
Client ID: 4125-071321-1255
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 12:55
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 10:17
Analyst: LAC

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	20		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	0.13	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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-02 Date Collected: 07/13/21 12:55

Client ID: 4125-071321-1255 Date Received: 07/15/21

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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-03
Client ID: 4125-071321-1530
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 15:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 10:37
Analyst: LAC

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	0.51		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	1.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-03 Date Collected: 07/13/21 15:30

Client ID: 4125-071321-1530 Date Received: 07/15/21

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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04
Client ID: 4125-071321-1700
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 17:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 10:58
Analyst: LAC

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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04 Date Collected: 07/13/21 17:00

Client ID: 4125-071321-1700 Date Received: 07/15/21

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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05
Client ID: 4125-071421-1020
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 10:20
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 11:18
Analyst: LAC

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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05 Date Collected: 07/14/21 10:20

Client ID: 4125-071421-1020 Date Received: 07/15/21

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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	104		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06
Client ID: 4125-071421-1240
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 12:40
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 11:38
Analyst: LAC

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	0.23	J	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	1.0		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	22		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	5.8		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	3.1		ug/l	2.5	0.70	1
Trichloroethene	75		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06 Date Collected: 07/14/21 12:40

Client ID: 4125-071421-1240 Date Received: 07/15/21

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	4.4		ug/l	2.5	0.70	1
o-Xylene	12		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	55		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	9.6		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	22		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07
Client ID: 4125-071421-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 11:59
Analyst: LAC

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	0.21	J	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	1.0		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	20		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	5.8		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	3.1		ug/l	2.5	0.70	1
Trichloroethene	77		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07 Date Collected: 07/14/21 00:00

Client ID: 4125-071421-0001 Date Received: 07/15/21

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	4.0		ug/l	2.5	0.70	1
o-Xylene	11		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	56		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	8.8		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	20		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-08
Client ID: 4125-071521-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 09:57
Analyst: LAC

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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-08 Date Collected: 07/15/21 00:00

Client ID: 4125-071521-0001 Date Received: 07/15/21

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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	104		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-09 D
Client ID: 4125-071521-0815
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 08:15
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 12:19
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	380		ug/l	2.5	0.80	5
Toluene	94		ug/l	12	3.5	5
Ethylbenzene	490		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-09 D
Client ID: 4125-071521-0815
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 08:15
Date Received: 07/15/21
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	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	28		ug/l	12	3.5	5
p/m-Xylene	850		ug/l	12	3.5	5
o-Xylene	180		ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	34		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	110		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	97		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	95		70-130

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-10
Client ID: 4125-071521-1030
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 10:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 12:39
Analyst: LAC

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	0.37	J	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	0.20	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-10 Date Collected: 07/15/21 10:30

Client ID: 4125-071521-1030 Date Received: 07/15/21

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
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11
Client ID: 4125-071521-0002
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 12:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 12:59
Analyst: LAC

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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11 Date Collected: 07/15/21 12:30

Client ID: 4125-071521-0002 Date Received: 07/15/21

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	6.0		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-12
Client ID: 4125-071521-0003
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 11:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/21 13:20
Analyst: LAC

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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-12 Date Collected: 07/15/21 11:00

Client ID: 4125-071521-0003 Date Received: 07/15/21

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	4.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/21 08:35
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1527695-5					
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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/21 08:35
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1527695-5					
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
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/21 08:35
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1527695-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1527695-3 WG1527695-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	93		95		63-132	2		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	73		79		63-130	8		20
1,1,2-Trichloroethane	87		92		70-130	6		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	93		95		70-130	2		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	87		91		67-130	4		20
trans-1,3-Dichloropropene	83		86		70-130	4		20
cis-1,3-Dichloropropene	90		95		70-130	5		20
Bromoform	57		64		54-136	12		20
1,1,2,2-Tetrachloroethane	82		91		67-130	10		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	94		90		64-130	4		20
Bromomethane	97		94		39-139	3		20
Vinyl chloride	100		100		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1527695-3 WG1527695-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		99		70-130	1		20
1,2-Dichlorobenzene	98		100		70-130	2		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	86		88		63-130	2		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	82		82		36-147	0		20
Acetone	84		95		58-148	12		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	68		75		63-138	10		20
4-Methyl-2-pentanone	68		74		59-130	8		20
2-Hexanone	62		70		57-130	12		20
Bromochloromethane	96		98		70-130	2		20
1,2-Dibromoethane	83		89		70-130	7		20
1,2-Dibromo-3-chloropropane	60		67		41-144	11		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	89		92		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1527695-3 WG1527695-4								
1,2,4-Trichlorobenzene	97		96		70-130	1		20
Methyl Acetate	79		80		70-130	1		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	74		74		56-162	0		20
Freon-113	120		110		70-130	9		20
Methyl cyclohexane	110		110		70-130	0		20

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

Matrix Spike Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

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): 01-12 QC Batch ID: WG1527695-6 WG1527695-7 QC Sample: L2138200-09 Client ID: 4125-071521-0815												
Methylene chloride	ND	50	55	110		52	104		70-130	6		20
1,1-Dichloroethane	ND	50	53	106		53	106		70-130	0		20
Chloroform	ND	50	49	98		50	100		70-130	2		20
Carbon tetrachloride	ND	50	46	92		47	94		63-132	2		20
1,2-Dichloropropane	ND	50	50	100		50	100		70-130	0		20
Dibromochloromethane	ND	50	40	80		40	80		63-130	0		20
1,1,2-Trichloroethane	ND	50	59	118		59	118		70-130	0		20
Tetrachloroethene	ND	50	53	106		52	104		70-130	2		20
Chlorobenzene	ND	50	53	106		52	104		75-130	2		20
Trichlorofluoromethane	ND	50	57	114		58	116		62-150	2		20
1,2-Dichloroethane	ND	50	49	98		48	96		70-130	2		20
1,1,1-Trichloroethane	ND	50	50	100		51	102		67-130	2		20
Bromodichloromethane	ND	50	46	92		45	90		67-130	2		20
trans-1,3-Dichloropropene	ND	50	44	88		44	88		70-130	0		20
cis-1,3-Dichloropropene	ND	50	45	90		44	88		70-130	2		20
Bromoform	ND	50	30	60		31	62		54-136	3		20
1,1,2,2-Tetrachloroethane	ND	50	45	90		45	90		67-130	0		20
Benzene	380	50	440	120		420	80		70-130	5		20
Toluene	94	50	140	92		140	92		70-130	0		20
Ethylbenzene	490	50	530	80		510	**40**	Q	70-130	4		20
Chloromethane	ND	50	39	78		40	80		64-130	3		20
Bromomethane	ND	50	43	86		45	90		39-139	5		20
Vinyl chloride	ND	50	52	104		52	104		55-140	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

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): 01-12 QC Batch ID: WG1527695-6 WG1527695-7 QC Sample: L2138200-09 Client ID: 4125-071521-0815												
Chloroethane	ND	50	66	132		61	122		55-138	8		20
1,1-Dichloroethene	ND	50	54	108		55	110		61-145	2		20
trans-1,2-Dichloroethene	ND	50	54	108		54	108		70-130	0		20
Trichloroethene	ND	50	52	104		50	100		70-130	4		20
1,2-Dichlorobenzene	ND	50	50	100		51	102		70-130	2		20
1,3-Dichlorobenzene	ND	50	50	100		51	102		70-130	2		20
1,4-Dichlorobenzene	ND	50	50	100		50	100		70-130	0		20
Methyl tert butyl ether	28	50	73	90		72	88		63-130	1		20
p/m-Xylene	850	100	960	110		920	70		70-130	4		20
o-Xylene	180	100	280	100		280	100		70-130	0		20
cis-1,2-Dichloroethene	ND	50	51	102		51	102		70-130	0		20
Styrene	ND	100	110	110		110	110		70-130	0		20
Dichlorodifluoromethane	ND	50	40	80		42	84		36-147	5		20
Acetone	ND	50	55	110		60	120		58-148	9		20
Carbon disulfide	ND	50	53	106		54	108		51-130	2		20
2-Butanone	ND	50	86	**172**	Q	83	**166**	Q	63-138	4		20
4-Methyl-2-pentanone	ND	50	40	80		40	80		59-130	0		20
2-Hexanone	ND	50	37	74		37	74		57-130	0		20
Bromochloromethane	ND	50	47	94		49	98		70-130	4		20
1,2-Dibromoethane	ND	50	46	92		46	92		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	50	36	72		35	70		41-144	3		20
Isopropylbenzene	34	50	83	98		83	98		70-130	0		20
1,2,3-Trichlorobenzene	ND	50	47	94		48	96		70-130	2		20

Matrix Spike Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

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): 01-12 QC Batch ID: WG1527695-6 WG1527695-7 QC Sample: L2138200-09 Client ID: 4125-071521-0815												
1,2,4-Trichlorobenzene	ND	50	49	98		50	100		70-130	2		20
Methyl Acetate	ND	50	42	84		41	82		70-130	2		20
Cyclohexane	110	50	160	100		160	100		70-130	0		20
1,4-Dioxane	ND	2500	2000	80		1800	72		56-162	11		20
Freon-113	ND	50	56	112		59	118		70-130	5		20
Methyl cyclohexane	97	50	140	86		140	86		70-130	0		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		94		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	96		95		70-130
Toluene-d8	102		99		70-130

SEMIVOLATILES

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-02
Client ID: 4125-071321-1255
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 12:55
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 00:46
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 04:59

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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-02 Date Collected: 07/13/21 12:55

Client ID: 4125-071321-1255 Date Received: 07/15/21

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	ND		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	84		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	90		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-02
Client ID: 4125-071321-1255
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 12:55
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 19:01
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 05:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.5		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.36		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	2.4		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	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	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	0.05	J	ug/l	0.10	0.01	1
Anthracene	0.11		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.88		ug/l	0.10	0.01	1
Phenanthrene	0.39		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	0.26		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.02	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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-02 Date Collected: 07/13/21 12:55

Client ID: 4125-071321-1255 Date Received: 07/15/21

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	101		21-120
Phenol-d6	79		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	102		15-120
2,4,6-Tribromophenol	**154**	Q	10-120
4-Terphenyl-d14	113		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-03
Client ID: 4125-071321-1530
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 15:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 01:10
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 04:59

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	2.9		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-03 Date Collected: 07/13/21 15:30

Client ID: 4125-071321-1530 Date Received: 07/15/21

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	1.5	J	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	81		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	96		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-03
Client ID: 4125-071321-1530
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 15:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 19:21
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 05:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	7.1		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.09	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.81		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	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	0.71		ug/l	0.10	0.01	1
Anthracene	0.75		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	5.7		ug/l	0.10	0.01	1
Phenanthrene	0.76		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	0.36		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.08	J	ug/l	0.10	0.02	1
Pentachlorophenol	8.0		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-03 Date Collected: 07/13/21 15:30

Client ID: 4125-071321-1530 Date Received: 07/15/21

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	95		21-120
Phenol-d6	77		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	101		15-120
2,4,6-Tribromophenol	**151**	Q	10-120
4-Terphenyl-d14	111		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04
Client ID: 4125-071321-1700
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 17:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 01:34
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 04:59

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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04 Date Collected: 07/13/21 17:00

Client ID: 4125-071321-1700 Date Received: 07/15/21

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	ND		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	76		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	89		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04
Client ID: 4125-071321-1700
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 17:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 01:51
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/19/21 19:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	47		15-110

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04
Client ID: 4125-071321-1700
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 17:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 19:40
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 05:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		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	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.04	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04 Date Collected: 07/13/21 17:00

Client ID: 4125-071321-1700 Date Received: 07/15/21

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	92		21-120
Phenol-d6	74		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	**144**	Q	10-120
4-Terphenyl-d14	108		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04
Client ID: 4125-071321-1700
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 17:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/21 04:16
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.13		ng/l	1.86	0.379	1
Perfluoropentanoic Acid (PFPeA)	0.740	J	ng/l	1.86	0.368	1
Perfluorobutanesulfonic Acid (PFBS)	2.04		ng/l	1.86	0.221	1
Perfluorohexanoic Acid (PFHxA)	0.442	JF	ng/l	1.86	0.305	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.86	0.209	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.86	0.350	1
Perfluorooctanoic Acid (PFOA)	1.12	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	0.640	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	0.283	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.86	0.602	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.242	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.911	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.86	0.747	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.346	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.86	0.304	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.86	0.230	1
PFOA/PFOS, Total	1.12	J	ng/l	1.86	0.219	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04 Date Collected: 07/13/21 17:00

Client ID: 4125-071321-1700 Date Received: 07/15/21

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)	84		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	90		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	116		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	84		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	111		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**221**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	104		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	140		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)	92		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	81		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	86		22-136

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-04
Client ID: 4125-071321-1700
Sample Location: ROCHESTER, NY

Date Collected: 07/13/21 17:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/23/21 16:35
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.539	1

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

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05
Client ID: 4125-071421-1020
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 10:20
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 17:39
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05 Date Collected: 07/14/21 10:20

Client ID: 4125-071421-1020 Date Received: 07/15/21

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	ND		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	37		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	62		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05
Client ID: 4125-071421-1020
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 10:20
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 02:14
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/19/21 19:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	113.	J	ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	44		15-110

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05
Client ID: 4125-071421-1020
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 10:20
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 19:59
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		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	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05 Date Collected: 07/14/21 10:20

Client ID: 4125-071421-1020 Date Received: 07/15/21

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	33		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	73		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05
Client ID: 4125-071421-1020
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 10:20
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/21 04:49
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	11.1		ng/l	1.83	0.373	1
Perfluoropentanoic Acid (PFPeA)	5.24		ng/l	1.83	0.362	1
Perfluorobutanesulfonic Acid (PFBS)	2.04		ng/l	1.83	0.217	1
Perfluorohexanoic Acid (PFHxA)	3.50		ng/l	1.83	0.300	1
Perfluoroheptanoic Acid (PFHpA)	1.71	J	ng/l	1.83	0.206	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.83	0.344	1
Perfluorooctanoic Acid (PFOA)	4.06		ng/l	1.83	0.216	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.83	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.83	0.629	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.83	0.285	1
Perfluorooctanesulfonic Acid (PFOS)	0.702	J	ng/l	1.83	0.460	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.83	0.278	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.83	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.83	0.592	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.83	0.238	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.83	0.895	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.83	0.735	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.83	0.340	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.83	0.299	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.83	0.227	1
PFOA/PFOS, Total	4.76	J	ng/l	1.83	0.216	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05 Date Collected: 07/14/21 10:20

Client ID: 4125-071421-1020 Date Received: 07/15/21

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)	99		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	114		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**265**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	110		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	153		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)	98		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	89		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	84		22-136

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-05
Client ID: 4125-071421-1020
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 10:20
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/23/21 16:42
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.83	0.530	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	57		10-112

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06
Client ID: 4125-071421-1240
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 12:40
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 18:03
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

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	5.7		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06 Date Collected: 07/14/21 12:40

Client ID: 4125-071421-1240 Date Received: 07/15/21

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	ND		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	47		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	81		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06
Client ID: 4125-071421-1240
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 12:40
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 02:37
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/19/21 19:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06
Client ID: 4125-071421-1240
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 12:40
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 20:18
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	7.3		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.56		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	27		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		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	ND		ug/l	0.10	0.01	1
Acenaphthylene	3.4		ug/l	0.10	0.01	1
Anthracene	0.98		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	4.3		ug/l	0.10	0.01	1
Phenanthrene	3.8		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	0.83		ug/l	0.10	0.02	1
2-Methylnaphthalene	2.6		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06 Date Collected: 07/14/21 12:40

Client ID: 4125-071421-1240 Date Received: 07/15/21

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	40		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	91		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06
Client ID: 4125-071421-1240
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 12:40
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/21 05:23
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.22		ng/l	1.84	0.376	1
Perfluoropentanoic Acid (PFPeA)	8.82		ng/l	1.84	0.365	1
Perfluorobutanesulfonic Acid (PFBS)	6.60		ng/l	1.84	0.219	1
Perfluorohexanoic Acid (PFHxA)	7.26		ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	2.66		ng/l	1.84	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	1.85		ng/l	1.84	0.346	1
Perfluorooctanoic Acid (PFOA)	7.82		ng/l	1.84	0.218	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.84	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.634	1
Perfluorononanoic Acid (PFNA)	0.424	J	ng/l	1.84	0.288	1
Perfluorooctanesulfonic Acid (PFOS)	5.90		ng/l	1.84	0.464	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.280	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.597	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.240	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.903	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.741	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.343	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.302	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.228	1
PFOA/PFOS, Total	13.7		ng/l	1.84	0.218	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06 Date Collected: 07/14/21 12:40

Client ID: 4125-071421-1240 Date Received: 07/15/21

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)	96		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	104		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	122		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	117		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**244**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	118		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)	**166**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	60		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	87		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		22-136

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-06
Client ID: 4125-071421-1240
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 12:40
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/23/21 16:49
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.535	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	57		10-112

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07
Client ID: 4125-071421-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 18:26
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

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	3.9		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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07 Date Collected: 07/14/21 00:00

Client ID: 4125-071421-0001 Date Received: 07/15/21

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	ND		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	42		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	82		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07
Client ID: 4125-071421-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 03:00
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/19/21 19:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07
Client ID: 4125-071421-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 20:37
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	5.9		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.48		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	18		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		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	ND		ug/l	0.10	0.01	1
Acenaphthylene	2.7		ug/l	0.10	0.01	1
Anthracene	0.80		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	3.3		ug/l	0.10	0.01	1
Phenanthrene	2.7		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	0.73		ug/l	0.10	0.02	1
2-Methylnaphthalene	1.6		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07 Date Collected: 07/14/21 00:00

Client ID: 4125-071421-0001 Date Received: 07/15/21

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	48		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	92		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07
Client ID: 4125-071421-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/21 05:39
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.72		ng/l	1.83	0.374	1
Perfluoropentanoic Acid (PFPeA)	9.13		ng/l	1.83	0.363	1
Perfluorobutanesulfonic Acid (PFBS)	6.58		ng/l	1.83	0.218	1
Perfluorohexanoic Acid (PFHxA)	7.33		ng/l	1.83	0.300	1
Perfluoroheptanoic Acid (PFHpA)	2.68		ng/l	1.83	0.206	1
Perfluorohexanesulfonic Acid (PFHxS)	1.55	JF	ng/l	1.83	0.344	1
Perfluorooctanoic Acid (PFOA)	8.33		ng/l	1.83	0.216	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.83	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.83	0.630	1
Perfluorononanoic Acid (PFNA)	0.418	J	ng/l	1.83	0.286	1
Perfluorooctanesulfonic Acid (PFOS)	6.41		ng/l	1.83	0.462	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.83	0.278	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.83	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.83	0.593	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.83	0.238	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.83	0.898	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.83	0.736	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.83	0.341	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.83	0.300	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.83	0.227	1
PFOA/PFOS, Total	14.7		ng/l	1.83	0.216	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07 Date Collected: 07/14/21 00:00

Client ID: 4125-071421-0001 Date Received: 07/15/21

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)	104		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	112		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	127		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	93		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	95		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	124		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**236**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	95		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	116		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)	153		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)	96		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	88		22-136

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-07
Client ID: 4125-071421-0001
Sample Location: ROCHESTER, NY

Date Collected: 07/14/21 00:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/23/21 16:57
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.83	0.531	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	49		10-112

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-09
Client ID: 4125-071521-0815
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 08:15
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 19:38
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

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	0.59	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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-09 Date Collected: 07/15/21 08:15

Client ID: 4125-071521-0815 Date Received: 07/15/21

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	2.8	J	ug/l	5.0	0.57	1
2-Methylphenol	0.53	J	ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	0.90	J	ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		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	59		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	88		41-149

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-09 D
Client ID: 4125-071521-0815
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 08:15
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/25/21 15:42
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.18	J	ug/l	0.50	0.07	5
2-Chloronaphthalene	ND		ug/l	1.0	0.09	5
Fluoranthene	ND		ug/l	0.50	0.10	5
Hexachlorobutadiene	ND		ug/l	2.5	0.23	5
Naphthalene	190		ug/l	0.50	0.24	5
Benzo(a)anthracene	ND		ug/l	0.50	0.10	5
Benzo(a)pyrene	ND		ug/l	0.50	0.08	5
Benzo(b)fluoranthene	ND		ug/l	0.50	0.06	5
Benzo(k)fluoranthene	ND		ug/l	0.50	0.04	5
Chrysene	ND		ug/l	0.50	0.06	5
Acenaphthylene	0.07	J	ug/l	0.50	0.06	5
Anthracene	ND		ug/l	0.50	0.07	5
Benzo(ghi)perylene	ND		ug/l	0.50	0.07	5
Fluorene	0.23	J	ug/l	0.50	0.07	5
Phenanthrene	0.21	J	ug/l	0.50	0.12	5
Dibenzo(a,h)anthracene	ND		ug/l	0.50	0.06	5
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.50	0.06	5
Pyrene	ND		ug/l	0.50	0.10	5
2-Methylnaphthalene	81		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-09 D
Client ID: 4125-071521-0815
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 08:15
Date Received: 07/15/21
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	74		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	120		23-120
2-Fluorobiphenyl	116		15-120
2,4,6-Tribromophenol	**157**	Q	10-120
4-Terphenyl-d14	146		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-10
Client ID: 4125-071521-1030
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 10:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/19/21 20:01
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-10 Date Collected: 07/15/21 10:30

Client ID: 4125-071521-1030 Date Received: 07/15/21

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	ND		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	40		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	94		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-10
Client ID: 4125-071521-1030
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 10:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 20:57
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.14		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.11		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.11		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Chrysene	0.06	J	ug/l	0.10	0.01	1
Acenaphthylene	0.05	J	ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.10		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.05	J	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	0.09	J	ug/l	0.10	0.01	1
Pyrene	0.13		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-10 Date Collected: 07/15/21 10:30

Client ID: 4125-071521-1030 Date Received: 07/15/21

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	52		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	101		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11
Client ID: 4125-071521-0002
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 12:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/21/21 19:55
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11 Date Collected: 07/15/21 12:30

Client ID: 4125-071521-0002 Date Received: 07/15/21

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	ND		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	46		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	96		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11
Client ID: 4125-071521-0002
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 12:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 20:05
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/21/21 20:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	49		15-110

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11
Client ID: 4125-071521-0002
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 12:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/21 21:16
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		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	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11 Date Collected: 07/15/21 12:30

Client ID: 4125-071521-0002 Date Received: 07/15/21

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	45		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	94		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11
Client ID: 4125-071521-0002
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 12:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/21 05:56
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.92	0.391	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.92	0.380	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.92	0.228	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.92	0.315	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.92	0.216	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.92	0.361	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.92	0.226	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.92	1.28	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.92	0.660	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.92	0.299	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.92	0.483	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.92	0.292	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.92	1.16	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.92	0.622	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.92	0.249	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.92	0.940	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.92	0.771	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.92	0.357	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.92	0.314	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.92	0.238	1
PFOA/PFOS, Total	ND		ng/l	1.92	0.226	1

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11 Date Collected: 07/15/21 12:30

Client ID: 4125-071521-0002 Date Received: 07/15/21

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)	107		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	123		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	112		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	114		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	107		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	99		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	102		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	107		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)	108		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	83		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	113		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	100		22-136

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-11
Client ID: 4125-071521-0002
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 12:30
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/23/21 17:04
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.92	0.556	1

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

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-12
Client ID: 4125-071521-0003
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 11:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/22/21 01:01
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/20/21 16:48

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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-12 Date Collected: 07/15/21 11:00

Client ID: 4125-071521-0003 Date Received: 07/15/21

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	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	0.84	J	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	43		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	36		10-120
4-Terphenyl-d14	65		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-12
Client ID: 4125-071521-0003
Sample Location: ROCHESTER, NY

Date Collected: 07/15/21 11:00
Date Received: 07/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/24/21 17:45
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/20/21 16:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		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	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		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	ND		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2138200

Project Number: 0200336-008 001 01 **Report Date:** 07/30/21

SAMPLE RESULTS

Lab ID: L2138200-12 Date Collected: 07/15/21 11:00

Client ID: 4125-071521-0003 Date Received: 07/15/21

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	38		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	69		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/18/21 23:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 04:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-07,09-11 Batch: WG1525059-1					
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: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/18/21 23:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 04:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-07,09-11 Batch: WG1525059-1					
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	79		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	95		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	90		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/19/21 11:53
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 05:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02-07,09-11 Batch: WG1525060-1					
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: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/19/21 11:53
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/18/21 05:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02-07,09-11 Batch: WG1525060-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	**122**	Q	10-120
4-Terphenyl-d14	110		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 00:42
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/19/21 19:30

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 04-07 Batch: WG1525502-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	49		15-110

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/21 03:27
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04-07,11 Batch: WG1525651-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/22/21 03:27
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04-07,11 Batch: WG1525651-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	107		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	120		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	119		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	115		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	108		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	114		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	107		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	117		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	104		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	113		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	104		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	132		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	84		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	84		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	101		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	95		22-136

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/23/21 16:21
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/20/21 06:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04-07,11 Batch: WG1525651-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	63		10-112

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/21/21 11:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/20/21 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1525934-1					
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: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/21/21 11:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/20/21 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1525934-1					
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	56		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	77		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 09:59
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/20/21 15:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 12 Batch: WG1525947-1					
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: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 09:59
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/20/21 15:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 12 Batch: WG1525947-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	106		41-149

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01
Lab Number: L2138200
Report Date: 07/30/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/21 13:01
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 07/21/21 20:45

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 11 Batch: WG1526489-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07,09-11 Batch: WG1525059-2 WG1525059-3								
Bis(2-chloroethyl)ether	64		72		40-140	12		30
3,3'-Dichlorobenzidine	66		70		40-140	6		30
2,4-Dinitrotoluene	79		83		48-143	5		30
2,6-Dinitrotoluene	66		75		40-140	13		30
4-Chlorophenyl phenyl ether	74		80		40-140	8		30
4-Bromophenyl phenyl ether	70		74		40-140	6		30
Bis(2-chloroisopropyl)ether	65		72		40-140	10		30
Bis(2-chloroethoxy)methane	64		74		40-140	14		30
Hexachlorocyclopentadiene	76		86		40-140	12		30
Isophorone	60		70		40-140	15		30
Nitrobenzene	72		81		40-140	12		30
NDPA/DPA	69		72		40-140	4		30
n-Nitrosodi-n-propylamine	65		76		29-132	16		30
Bis(2-ethylhexyl)phthalate	70		76		40-140	8		30
Butyl benzyl phthalate	62		67		40-140	8		30
Di-n-butylphthalate	65		68		40-140	5		30
Di-n-octylphthalate	66		75		40-140	13		30
Diethyl phthalate	68		70		40-140	3		30
Dimethyl phthalate	62		68		40-140	9		30
Biphenyl	66		75		40-140	13		30
4-Chloroaniline	42		61		40-140	**37**	Q	30
2-Nitroaniline	69		79		52-143	14		30
3-Nitroaniline	66		71		25-145	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07,09-11 Batch: WG1525059-2 WG1525059-3								
4-Nitroaniline	67		68		51-143	1		30
Dibenzofuran	73		79		40-140	8		30
1,2,4,5-Tetrachlorobenzene	77		85		2-134	10		30
Acetophenone	63		71		39-129	12		30
2,4,6-Trichlorophenol	72		80		30-130	11		30
p-Chloro-m-cresol	66		74		23-97	11		30
2-Chlorophenol	72		78		27-123	8		30
2,4-Dichlorophenol	68		79		30-130	15		30
2,4-Dimethylphenol	64		72		30-130	12		30
2-Nitrophenol	82		94		30-130	14		30
4-Nitrophenol	66		71		10-80	7		30
2,4-Dinitrophenol	99		98		20-130	1		30
4,6-Dinitro-o-cresol	88		94		20-164	7		30
Phenol	48		56		12-110	15		30
2-Methylphenol	63		70		30-130	11		30
3-Methylphenol/4-Methylphenol	64		76		30-130	17		30
2,4,5-Trichlorophenol	68		77		30-130	12		30
Carbazole	76		76		55-144	0		30
Atrazine	80		82		40-140	2		30
Benzaldehyde	63		71		40-140	12		30
Caprolactam	29		34		10-130	16		30
2,3,4,6-Tetrachlorophenol	78		80		40-140	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07,09-11 Batch: WG1525059-2 WG1525059-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		75		21-120
Phenol-d6	53		60		10-120
Nitrobenzene-d5	84		94		23-120
2-Fluorobiphenyl	75		84		15-120
2,4,6-Tribromophenol	89		93		10-120
4-Terphenyl-d14	77		79		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-07,09-11 Batch: WG1525060-2 WG1525060-3								
Acenaphthene	94		103		40-140	9		40
2-Chloronaphthalene	84		100		40-140	17		40
Fluoranthene	101		108		40-140	7		40
Hexachlorobutadiene	80		86		40-140	7		40
Naphthalene	87		93		40-140	7		40
Benzo(a)anthracene	100		103		40-140	3		40
Benzo(a)pyrene	106		112		40-140	6		40
Benzo(b)fluoranthene	101		113		40-140	11		40
Benzo(k)fluoranthene	114		114		40-140	0		40
Chrysene	104		112		40-140	7		40
Acenaphthylene	82		89		40-140	8		40
Anthracene	100		107		40-140	7		40
Benzo(ghi)perylene	102		110		40-140	8		40
Fluorene	93		103		40-140	10		40
Phenanthrene	93		101		40-140	8		40
Dibenzo(a,h)anthracene	109		116		40-140	6		40
Indeno(1,2,3-cd)pyrene	102		110		40-140	8		40
Pyrene	100		107		40-140	7		40
2-Methylnaphthalene	84		94		40-140	11		40
Pentachlorophenol	121		131		40-140	8		40
Hexachlorobenzene	91		100		40-140	9		40
Hexachloroethane	87		93		40-140	7		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-07,09-11 Batch: WG1525060-2 WG1525060-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		85		21-120
Phenol-d6	63		67		10-120
Nitrobenzene-d5	89		99		23-120
2-Fluorobiphenyl	86		94		15-120
2,4,6-Tribromophenol	**138**	Q	**148**	Q	10-120
4-Terphenyl-d14	98		103		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab	Associated sample(s): 04-07		Batch: WG1525502-2 WG1525502-3					
1,4-Dioxane	119		97		40-140	21		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	37		50		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-07,11 Batch: WG1525651-2								
Perfluorobutanoic Acid (PFBA)	116		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	114		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	114		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	116		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	111		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	118		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	114		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	120		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	117		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	118		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	127		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	107		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	120		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	123		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	110		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	114		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	119		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	117		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	111		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	122		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	109		-		59-182	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

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

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-07,11 Batch: WG1525651-2

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	108				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	121				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	117				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	118				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	113				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	111				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	124				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	109				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)	135				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	89				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	113				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	23				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	91				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	101				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76				22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-07,11 Batch: WG1525651-2								
Perfluorooctanesulfonamide (FOSA)	148		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	60				10-112

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1525934-2 WG1525934-3								
Bis(2-chloroethyl)ether	**38**	Q	66		40-140	**54**	Q	30
3,3'-Dichlorobenzidine	54		65		40-140	18		30
2,4-Dinitrotoluene	62		88		48-143	**35**	Q	30
2,6-Dinitrotoluene	57		81		40-140	**35**	Q	30
4-Chlorophenyl phenyl ether	50		76		40-140	**41**	Q	30
4-Bromophenyl phenyl ether	55		78		40-140	**35**	Q	30
Bis(2-chloroisopropyl)ether	**36**	Q	66		40-140	**59**	Q	30
Bis(2-chloroethoxy)methane	41		71		40-140	**54**	Q	30
Hexachlorocyclopentadiene	41		76		40-140	**60**	Q	30
Isophorone	**38**	Q	66		40-140	**54**	Q	30
Nitrobenzene	45		76		40-140	**51**	Q	30
NDPA/DPA	52		73		40-140	**34**	Q	30
n-Nitrosodi-n-propylamine	40		69		29-132	**53**	Q	30
Bis(2-ethylhexyl)phthalate	72		77		40-140	7		30
Butyl benzyl phthalate	63		75		40-140	17		30
Di-n-butylphthalate	57		68		40-140	18		30
Di-n-octylphthalate	62		73		40-140	16		30
Diethyl phthalate	55		73		40-140	28		30
Dimethyl phthalate	53		73		40-140	**32**	Q	30
Biphenyl	43		72		40-140	**50**	Q	30
4-Chloroaniline	**24**	Q	40		40-140	**50**	Q	30
2-Nitroaniline	54		81		52-143	**40**	Q	30
3-Nitroaniline	44		58		25-145	27		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1525934-2 WG1525934-3								
4-Nitroaniline	59		74		51-143	23		30
Dibenzofuran	46		75		40-140	**48**	Q	30
1,2,4,5-Tetrachlorobenzene	46		79		2-134	**53**	Q	30
Acetophenone	39		67		39-129	**53**	Q	30
2,4,6-Trichlorophenol	51		82		30-130	**47**	Q	30
p-Chloro-m-cresol	48		73		23-97	**41**	Q	30
2-Chlorophenol	43		73		27-123	**52**	Q	30
2,4-Dichlorophenol	45		78		30-130	**54**	Q	30
2,4-Dimethylphenol	32		58		30-130	**58**	Q	30
2-Nitrophenol	50		88		30-130	**55**	Q	30
4-Nitrophenol	59		75		10-80	24		30
2,4-Dinitrophenol	91		109		20-130	18		30
4,6-Dinitro-o-cresol	87		102		20-164	16		30
Phenol	30		48		12-110	**46**	Q	30
2-Methylphenol	38		65		30-130	**52**	Q	30
3-Methylphenol/4-Methylphenol	40		68		30-130	**52**	Q	30
2,4,5-Trichlorophenol	55		81		30-130	**38**	Q	30
Carbazole	62		76		55-144	20		30
Atrazine	80		94		40-140	16		30
Benzaldehyde	**37**	Q	65		40-140	**55**	Q	30
Caprolactam	19		24		10-130	23		30
2,3,4,6-Tetrachlorophenol	58		82		40-140	**34**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1525934-2 WG1525934-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	41		68		21-120
Phenol-d6	32		53		10-120
Nitrobenzene-d5	51		88		23-120
2-Fluorobiphenyl	47		77		15-120
2,4,6-Tribromophenol	72		95		10-120
4-Terphenyl-d14	73		85		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 12 Batch: WG1525947-2 WG1525947-3								
Acenaphthene	97		89		40-140	9		40
2-Chloronaphthalene	95		84		40-140	12		40
Fluoranthene	105		102		40-140	3		40
Hexachlorobutadiene	84		69		40-140	20		40
Naphthalene	89		79		40-140	12		40
Benzo(a)anthracene	100		98		40-140	2		40
Benzo(a)pyrene	109		106		40-140	3		40
Benzo(b)fluoranthene	107		104		40-140	3		40
Benzo(k)fluoranthene	111		108		40-140	3		40
Chrysene	100		98		40-140	2		40
Acenaphthylene	96		86		40-140	11		40
Anthracene	102		96		40-140	6		40
Benzo(ghi)perylene	98		98		40-140	0		40
Fluorene	92		84		40-140	9		40
Phenanthrene	98		94		40-140	4		40
Dibenzo(a,h)anthracene	104		103		40-140	1		40
Indeno(1,2,3-cd)pyrene	99		97		40-140	2		40
Pyrene	104		100		40-140	4		40
2-Methylnaphthalene	93		82		40-140	13		40
Pentachlorophenol	95		92		40-140	3		40
Hexachlorobenzene	97		89		40-140	9		40
Hexachloroethane	81		67		40-140	19		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

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

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 12 Batch: WG1525947-2 WG1525947-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		65		21-120
Phenol-d6	59		54		10-120
Nitrobenzene-d5	98		89		23-120
2-Fluorobiphenyl	101		88		15-120
2,4,6-Tribromophenol	81		91		10-120
4-Terphenyl-d14	122		118		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 11 Batch: WG1526489-2 WG1526489-3								
1,4-Dioxane	96		100		40-140	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	39		49		15-110

Matrix Spike Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

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): 02-07,09-11 QC Batch ID: WG1525059-4 WG1525059-5 QC Sample: L2138200-09 Client ID: 4125-071521-0815												
Bis(2-chloroethyl)ether	ND	18.2	10	55		11	61		40-140	10		30
3,3'-Dichlorobenzidine	ND	18.2	2.0J	**11**	Q	3.0J	**17**	Q	40-140	**40**	Q	30
2,4-Dinitrotoluene	ND	18.2	12	66		12	66		48-143	0		30
2,6-Dinitrotoluene	ND	18.2	14	77		16	88		40-140	13		30
4-Chlorophenyl phenyl ether	ND	18.2	13	72		13	72		40-140	0		30
4-Bromophenyl phenyl ether	ND	18.2	13	72		14	77		40-140	7		30
Bis(2-chloroisopropyl)ether	ND	18.2	12	66		12	66		40-140	0		30
Bis(2-chloroethoxy)methane	ND	18.2	11	61		12	66		40-140	9		30
Hexachlorocyclopentadiene	ND	18.2	13.J	72		14.J	77		40-140	7		30
Isophorone	ND	18.2	11	61		12	66		40-140	9		30
Nitrobenzene	ND	18.2	28	**150**	Q	32	**180**	Q	40-140	13		30
NDPA/DPA	ND	18.2	12	66		13	72		40-140	8		30
n-Nitrosodi-n-propylamine	ND	18.2	12	66		12	66		29-132	0		30
Bis(2-ethylhexyl)phthalate	ND	18.2	13	72		13	72		40-140	0		30
Butyl benzyl phthalate	ND	18.2	16	88		16	88		40-140	0		30
Di-n-butylphthalate	ND	18.2	13	72		13	72		40-140	0		30
Di-n-octylphthalate	ND	18.2	14	77		14	77		40-140	0		30
Diethyl phthalate	ND	18.2	13	72		13	72		40-140	0		30
Dimethyl phthalate	ND	18.2	12	66		13	72		40-140	8		30
Biphenyl	0.59J	18.2	11	61		13	72		40-140	17		30
4-Chloroaniline	ND	18.2	6.2	**34**	Q	5.9	**32**	Q	40-140	5		30
2-Nitroaniline	ND	18.2	15	83		16	88		52-143	6		30
3-Nitroaniline	ND	18.2	7.9	43		8.3	46		25-145	5		30

Matrix Spike Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

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): 02-07,09-11 QC Batch ID: WG1525059-4 WG1525059-5 QC Sample: L2138200-09 Client ID: 4125-071521-0815												
4-Nitroaniline	ND	18.2	8.9	**49**	Q	10	55		51-143	12		30
Dibenzofuran	ND	18.2	12	66		13	72		40-140	8		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	13	72		14	77		2-134	7		30
Acetophenone	ND	18.2	35	**190**	Q	42	**230**	Q	39-129	18		30
2,4,6-Trichlorophenol	ND	18.2	14	77		15	83		30-130	7		30
p-Chloro-m-cresol	ND	18.2	12	66		14	77		23-97	15		30
2-Chlorophenol	ND	18.2	12	66		13	72		27-123	8		30
2,4-Dichlorophenol	ND	18.2	12	66		14	77		30-130	15		30
2,4-Dimethylphenol	ND	18.2	7.6	42		10	55		30-130	27		30
2-Nitrophenol	ND	18.2	15	83		16	88		30-130	6		30
4-Nitrophenol	ND	18.2	18	**99**	Q	19	**100**	Q	10-80	5		30
2,4-Dinitrophenol	ND	18.2	22	120		21	120		20-130	5		30
4,6-Dinitro-o-cresol	ND	18.2	19	100		19	100		20-164	0		30
Phenol	2.8J	18.2	32	**180**	Q	38	**210**	Q	12-110	17		30
2-Methylphenol	0.53J	18.2	12	66		13	72		30-130	8		30
3-Methylphenol/4-Methylphenol	0.90J	18.2	13	72		15	83		30-130	14		30
2,4,5-Trichlorophenol	ND	18.2	14	77		16	88		30-130	13		30
Carbazole	ND	18.2	14	77		14	77		55-144	0		30
Atrazine	ND	18.2	18	99		17	94		40-140	6		30
Benzaldehyde	ND	18.2	ND	**0**	Q	ND	**0**	Q	40-140	NC		30
Caprolactam	ND	18.2	ND	**0**	Q	ND	**0**	Q	10-130	NC		30
2,3,4,6-Tetrachlorophenol	ND	18.2	16	88		15	83		40-140	6		30

Matrix Spike Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

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): 02-07,09-11 QC Batch ID: WG1525059-4 WG1525059-5 QC Sample: L2138200-09 Client ID: 4125-071521-0815

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	98		97		10-120
2-Fluorobiphenyl	72		81		15-120
2-Fluorophenol	62		65		21-120
4-Terphenyl-d14	88		88		41-149
Nitrobenzene-d5	84		94		23-120
Phenol-d6	49		50		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

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): 02-07,09-11 QC Batch ID: WG1525060-4 WG1525060-5 QC Sample: L2138200-09 Client ID: 4125-071521-0815												
Acenaphthene	0.18J	18.2	17	94		20	110		40-140	16		40
2-Chloronaphthalene	ND	18.2	16	88		19	100		40-140	17		40
Fluoranthene	ND	18.2	21	120		23	130		40-140	9		40
Hexachlorobutadiene	ND	18.2	16	88		19	100		40-140	17		40
Naphthalene	190	18.2	130	**0**	Q	180	**0**	Q	40-140	32		40
Benzo(a)anthracene	ND	18.2	20	110		22	120		40-140	10		40
Benzo(a)pyrene	ND	18.2	21	120		23	130		40-140	9		40
Benzo(b)fluoranthene	ND	18.2	20	110		22	120		40-140	10		40
Benzo(k)fluoranthene	ND	18.2	21	120		23	130		40-140	9		40
Chrysene	ND	18.2	19	100		21	120		40-140	10		40
Acenaphthylene	0.07J	18.2	18	99		20	110		40-140	11		40
Anthracene	ND	18.2	18	99		21	120		40-140	15		40
Benzo(ghi)perylene	ND	18.2	22	120		24	130		40-140	9		40
Fluorene	0.23J	18.2	16	88		19	100		40-140	17		40
Phenanthrene	0.21J	18.2	18	99		20	110		40-140	11		40
Dibenzo(a,h)anthracene	ND	18.2	23	130		25	140		40-140	8		40
Indeno(1,2,3-cd)pyrene	ND	18.2	23	130		25	140		40-140	8		40
Pyrene	ND	18.2	21	120		23	130		40-140	9		40
2-Methylnaphthalene	81	18.2	60	**0**	Q	82	**6**	Q	40-140	31		40
Pentachlorophenol	ND	18.2	28	**150**	Q	29	**160**	Q	40-140	4		40
Hexachlorobenzene	ND	18.2	18	99		21	120		40-140	15		40
Hexachloroethane	ND	18.2	32	**180**	Q	40	**220**	Q	40-140	22		40

Matrix Spike Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

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): 02-07,09-11 QC Batch ID: WG1525060-4 WG1525060-5 QC Sample: L2138200-09 Client ID: 4125-071521-0815												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	**153**	Q	**170**	Q	10-120
2-Fluorobiphenyl	101		117		15-120
2-Fluorophenol	73		82		21-120
4-Terphenyl-d14	138		147		41-149
Nitrobenzene-d5	109		**131**	Q	23-120
Phenol-d6	64		70		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

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): 04-07,11 QC Batch ID: WG1525651-3 QC Sample: L2138200-04 Client ID: 4125-071321-1700												
Perfluorobutanoic Acid (PFBA)	9.13	38.5	55.5	120		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	0.740J	38.5	42.4	108		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	2.04	34.2	40.1	111		-	-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	0.442JF	38.5	41.9	108		-	-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	ND	38.5	41.6	108		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	35.2	38.6	110		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	1.12J	38.5	43.9	111		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	36.7	43.9	120		-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	36.7	41.2	112		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	ND	38.5	43.3	112		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	ND	35.8	43.5	122		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	ND	38.5	39.8	103		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	37	40.3	109		-	-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	38.5	47.0	122		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	38.5	40.2	104		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	37.2	38.8	104		-	-		38-156	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	38.5	47.3	123		-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	ND	38.5	42.2	109		-	-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	ND	38.5	51.2	133		-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	38.5	41.3	107		-	-		59-182	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-008 001 01

Lab Number: L2138200

Report Date: 07/30/21

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): 04-07,11		QC Batch ID: WG1525651-3			QC Sample: L2138200-04			Client ID: 4125-071321-1700			

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)	142				10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**224**	Q			14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	72				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	65				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	113				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	89				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	93				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97				62-163
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	118				70-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-07,11 QC Batch ID: WG1525651-4 QC Sample: L2138200-05 Client ID: 4125-071421-1020						
Perfluorobutanoic Acid (PFBA)	11.1	11.6	ng/l	4		30
Perfluoropentanoic Acid (PFPeA)	5.24	5.70	ng/l	8		30
Perfluorobutanesulfonic Acid (PFBS)	2.04	1.98	ng/l	3		30
Perfluorohexanoic Acid (PFHxA)	3.50	3.68	ng/l	5		30
Perfluoroheptanoic Acid (PFHpA)	1.71J	1.77J	ng/l	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/l	NC		30
Perfluorooctanoic Acid (PFOA)	4.06	3.97	ng/l	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/l	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonic Acid (PFOS)	0.702J	0.687J	ng/l	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-07,11 QC Batch ID: WG1525651-4 QC Sample: L2138200-05 Client ID: 4125-071421-1020

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		95		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	99		101		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	114		126		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		89		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110		120		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		97		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**265**	Q	**297**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		90		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	110		115		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97		97		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	153		150		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	65		65		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		103		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		67		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	89		90		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	84		88		22-136

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2138200-01A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-01B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-02A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-02B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-02C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-02D	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-METALS 6020(180)
L2138200-02E	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-TAL 6020(180)
L2138200-02F	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-02G	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-03A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-03B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-03C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-03D	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-METALS 6020(180)
L2138200-03E	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-TAL 6020(180)
L2138200-03F	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-03G	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-04A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-04B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-04C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-04D	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-METALS 6020(180)
L2138200-04E	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-TAL 6020(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2138200-04F	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-04G	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-04H	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-04I	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-04J	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-04K	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-05A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-05B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-05C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-05D	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-METALS 6020(180)
L2138200-05E	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-TAL 6020(180)
L2138200-05F	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-05G	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-05H	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-05I	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-05J	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-05K	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-06A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-06B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-06C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-06D	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-METALS 6020(180)
L2138200-06D1	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-METALS 6020(180)
L2138200-06E	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-TAL 6020(180)
L2138200-06F	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-06G	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-06H	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-06I	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-06J	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2138200-06K	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-07A	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-07B	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-07C	Vial HCl preserved	B	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2138200-07E	Plastic 250ml HNO3 preserved	B	<2	<2	3.2	Y	Absent		SUB-TAL 6020(180)
L2138200-07F	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-07G	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-07H	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-07I	Amber 250ml unpreserved	B	7	7	3.2	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-07J	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-07K	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-08A	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-08B	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09A	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09A1	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09A2	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09B	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09B1	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09B2	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09C	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09C1	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09C2	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-09D	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-METALS 6020(180)
L2138200-09D1	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-METALS 6020(180)
L2138200-09D2	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-METALS 6020(180)
L2138200-09E	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-TAL 6020(180)
L2138200-09E1	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-TAL 6020(180)
L2138200-09E2	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-TAL 6020(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2138200-09F	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-09F1	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-09F2	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-09G	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-09G1	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-09G2	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-10A	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-10B	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-10C	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-10D	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-METALS 6020(180)
L2138200-10E	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-TAL 6020(180)
L2138200-10F	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-10G	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-11A	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-11B	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-11C	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-11D	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-METALS 6020(180)
L2138200-11E	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-TAL 6020(180)
L2138200-11F	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-11G	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-11H	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-11I	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2138200-11J	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-11K	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2138200-12A	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-12B	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-12C	Vial HCl preserved	C	NA		4.8	Y	Absent		NYTCL-8260-R2(14)
L2138200-12D	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-METALS 6020(180)

*Values in parentheses indicate holding time in days

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2138200-12E	Plastic 250ml HNO3 preserved	C	<2	<2	4.8	Y	Absent		SUB-TAL 6020(180)
L2138200-12F	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2138200-12G	Amber 250ml unpreserved	C	7	7	4.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-008 001 01

Lab Number: L2138200
Report Date: 07/30/21

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:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

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:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

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:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

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.

Project Name:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2138200
Project Number:	0200336-008 001 01	**Report Date:**	07/30/21

REFERENCES

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

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

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

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

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 2

Date Rec'd in Lab: 7/16/21

ALPHA Job #: L2138200

Client Information
Client: Haley & Aldrich
Address: 200 Town Centre Dr.
Rochester, NY
Phone: 614-564-7088
Fax:
Email: SMcKenna@haleyaldrich.com

Project Information
Project Name: Trowbridge GW Sampling
Project Location: Rochester, NY
Project # 0200336-008 001 01
(Use Project name as Project #) ☐
Project Manager: Santa McKenna
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	VOCs 8260B	SVOCs 8270C	Total Metals	Dissolved Metals	PFAS (537)	1,4-Dioxane 8270 (SIM)			Sample Specific Comments	Total Bottle
3[illegible]00.01	4125-071321-0001	7/13/21	—	WQ	R.S.L.	X								Trip Blank	2
-02	4125-071321-1255		12:55	WG		X	X	X	X					Normal	7
-03	4125-071321-1530		15:30	WG		X	X	X	X						7
-04	4125-071321-1700		17:00	WG		X	X	X	X	X	X	[illegible]			11
-05	4125-071421-1020	7/14/21	10:20	WG		X	X	X	X	X	X				11
-06	4125-071421-1240		12:40	WG		X	X	X	X	X	X				11
-07	4125-071421-0001		—	WG		X	X	X	X	X	X				11
-08	4125-071521-0001	7/15/21	—	WQ		X								Trip Blank	2
-09	4125-071521-0815		8:15	WG		X	X	X	X					MS/MSD	21
-10	4125-071521-1030		10:30	WG		X	X	X	X					Normal	7

Container Type	✓	A	P	P	P	A		
Preservative	B	A	C	C	A	A		

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/15/21 13:30	SECURE STORAGE AAL	7/15/21 13:30
SECURE STORAGE AAL	7/15/21 16:40	RCunningham AAL	7/15/21 16:40
RCunningham AAL	7/15/21 16:40	[signature]	7/16/21 0205

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)

CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

Service Centers
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430
Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 2 of 2

Date Rec'd in Lab: 7/16/21

ALPHA Job #: L2134200

H&A Information
- H&A Client: Haley & Aldrich
- H&A Address: 200 Town Centre Dr. Rochester, NY
- H&A Phone: 614-564-7088
- H&A Fax:
- H&A Email: SMckenna@haleyaldrich.com

Project Information
- Project Name: Trowbridge GW Sampling
- Project Location: Rochester, NY
- Project # 0200336-000 001 01
- (Use Project name as Project #) ☐
- Project Manager: Santa Mckenna
- ALPHAQuote #:

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

Deliverables
- ☐ Email ☐ Fax
- ☐ EQuIS (1 File) ☐ EQuIS (4 File)
- ☐ Other:

Billing Information
- ☐ Same as Client Info
- PO #

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

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	VOCs 8260 B	SVOCs 8270C	Total Metals	Dissolved Metals	PFAS (537) 1,4 Dioxane 8270 (SIM)			Sample Specific Comments	Total Bottles
39200	4125-071521-0002	7/15/21		WG	R.S.L	X	X	X	X	X	X			11
	4125-071521-0003	↓	11:00	WG	↓	X	X	X	X					7

R.S.L.

Container Type: V A P P P A
Preservative: B A C C A A

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	7/15/21 13:30	SECURE STORAGE AAL	7/15/21 13:30
SECURE STORAGE AAL	7/15/21 16:40	RCunningham AAL	7/15/21 16:40
RCunningham AAL	7/15/21 16:40		7/16/21 08:05

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2015-18-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 1 (1/28/2016)

PHOENIX
Environmental Laboratories, Inc.

Friday, July 30, 2021

Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Project ID: **L2138200**
SDG ID: **GCI76366**
Sample ID#s: **CI76366 - CI76374**

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,



Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

July 30, 2021

SDG I.D.: GCI76366

Project ID: L2138200

Client Id	Lab Id	Matrix
4125-071321-1255	CI76366	WATER
4125-071321-1530	CI76367	WATER
4125-071321-1700	CI76368	WATER
4125-071421-1020	CI76369	WATER
4125-071421-1240	CI76370	WATER
4125-071421-0001	CI76371	WATER
4125-071521-0815	CI76372	WATER
4125-071521-1030	CI76373	WATER
4125-071521-0002	CI76374	WATER

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/13/21	12:55
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76366

Project ID: L2138200
Client ID: 4125-071321-1255

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Aluminum	0.178	0.040	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Arsenic	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Barium	0.105	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Calcium	106	0.50	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Chromium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Copper	0.0015	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.019	0.011	mg/L	10	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	0.0026	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	0.119	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	109	0.53	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0056	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	5.32	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	13.0	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	41.1	0.27	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	0.647	0.011	mg/L	10	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	32.9	0.11	mg/L	1	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	0.0059	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071321-1255

Phoenix I.D.: CI76366

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.021	0.021	mg/L	10	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	< 0.011	0.011	mg/L	10	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	< 0.009	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	5.52	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	13.4	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	38.3	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.197	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sodium	33.9	0.10	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Nickel	0.0036	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Lead	0.0006	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Antimony	< 0.0012	0.0012	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Vanadium	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Zinc	0.015	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/13/21	15:30
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76367

Project ID: L2138200
Client ID: 4125-071321-1530

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Aluminum	< 0.040	0.040	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Arsenic	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Barium	0.013	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Calcium	58.8	0.50	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Chromium	0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Copper	< 0.0010	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.003	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	0.105	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	53.9	0.53	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0043	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	0.524	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	5.51	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	5.46	0.011	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	0.193	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	107	1.1	mg/L	10	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	0.0028	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071321-1530

Phoenix I.D.: CI76367

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	< 0.009	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	1.04	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	5.85	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	6.62	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.127	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sodium	109	10	mg/L	100	07/26/21	CPP	SW6010D/E200.7
Nickel	0.0054	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Lead	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Antimony	< 0.0012	0.0012	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Vanadium	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Zinc	0.002	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/13/21	17:00
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76368

Project ID: L2138200
Client ID: 4125-071321-1700

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Aluminum	< 0.040	0.040	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Arsenic	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Barium	0.013	0.005	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Calcium	117	0.50	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Chromium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Copper	0.0138	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.005	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	0.0122	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	112	0.53	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0049	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	< 0.011	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	6.57	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	16.2	0.011	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	7.14	0.11	mg/L	1	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	0.0044	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071321-1700

Phoenix I.D.: CI76368

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	< 0.009	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	0.023	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	6.83	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	18.0	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.140	0.0050	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium	6.97	0.10	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Nickel	0.0082	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Lead	0.0014	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Antimony	0.0012	0.0012	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Vanadium	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Zinc	0.119	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/14/21	10:20
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76369

Project ID: L2138200
Client ID: 4125-071421-1020

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Aluminum	< 0.040	0.040	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Arsenic	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Barium	0.182	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Calcium	162	0.50	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Chromium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Copper	0.0015	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.008	0.005	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	0.179	0.0053	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	158	0.53	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0042	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	0.014	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	0.035	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	7.20	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	18.2	0.011	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	0.241	0.0053	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	96.4	1.1	mg/L	10	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	0.0077	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071421-1020

Phoenix I.D.: CI76369

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	0.0007	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.011	0.011	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	< 0.0053	0.0053	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	0.116	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	0.176	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	7.55	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	21.5	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.311	0.0050	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium	86.1	1.0	mg/L	10	07/26/21	CPP	SW6010D/E200.7
Nickel	0.0061	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Lead	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Antimony	0.0013	0.0012	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Vanadium	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Zinc	< 0.002	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/14/21	12:40
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76370

Project ID: L2138200
Client ID: 4125-071421-1240

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Aluminum	< 0.040	0.040	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Arsenic	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Barium	0.190	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Calcium	119	0.50	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Chromium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Copper	0.0013	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.006	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	0.174	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	115	0.53	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0051	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	6.13	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	7.74	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	27.5	0.27	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	0.354	0.0053	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	50.9	1.1	mg/L	10	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	0.0053	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071421-1240

Phoenix I.D.: CI76370

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	0.0009	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	< 0.009	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	5.59	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	8.38	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	26.8	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.242	0.0050	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium	52.0	0.10	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Nickel	0.0060	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Lead	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Antimony	0.0012	0.0012	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Vanadium	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Zinc	< 0.002	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/14/21	
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76371

Project ID: L2138200
Client ID: 4125-071421-0001

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Aluminum	0.122	0.040	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Arsenic	0.0075	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Barium	0.167	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Calcium	116	0.50	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Chromium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Copper	0.0076	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Iron	6.10	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	8.59	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	26.3	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.250	0.0050	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium	53.0	0.10	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Nickel	0.0100	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Lead	0.0053	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Antimony	< 0.0012	0.0012	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Vanadium	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Zinc	0.033	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8

Sample Disposal	Completed				07/19/21		
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

Ver 1

Project ID: L2138200
Client ID: 4125-071421-0001

Phoenix I.D.: CI76371

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/15/21	8:15
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76372

Project ID: L2138200
Client ID: 4125-071521-0815

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum	< 0.040	0.040	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic	0.0071	0.0016	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium	0.094	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium	39.6	0.050	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium	0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper	0.0013	0.0010	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	< 0.002	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	0.0104	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	0.104	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	39.2	0.53	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0085	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	1.52	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	19.5	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	17.8	0.011	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	0.0488	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	174	1.1	mg/L	10	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	0.0030	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	0.0034	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071521-0815

Phoenix I.D.: CI76372

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	0.0031	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	< 0.009	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	1.56	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	20.1	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	20.8	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.0657	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sodium	185	10	mg/L	100	07/26/21	CPP	SW6010D/E200.7
Nickel	0.0030	0.0010	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead	0.0089	0.0002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Antimony	< 0.0012	0.0012	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium	0.0032	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc	0.005	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Client MS/MSD	Completed				07/21/21		
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/20/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/15/21	10:30
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76373

Project ID: L2138200
Client ID: 4125-071521-1030

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum	0.114	0.040	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic	0.0086	0.0016	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium	0.160	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium	137	0.50	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper	0.0066	0.0010	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.005	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	0.0057	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	0.159	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	134	0.53	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0083	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	7.25	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	12.1	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	110	0.27	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	0.430	0.0053	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	81.8	1.1	mg/L	10	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	0.0093	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071521-1030

Phoenix I.D.: CI76373

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	0.024	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	7.58	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	12.4	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	112	1.0	mg/L	50	07/22/21	MGH	SW6020B/E200.8
Manganese	0.358	0.0050	mg/L	5	07/22/21	CPP	SW6020B/E200.8
Sodium	78.8	1.0	mg/L	10	07/26/21	CPP	SW6010D/E200.7
Nickel	0.0093	0.0010	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead	0.0051	0.0002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Antimony	< 0.0012	0.0012	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium	< 0.0020	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc	0.029	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/15/21	12:30
Location Code:	ALPHA	Received by:	SW	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76366
Phoenix ID: CI76374

Project ID: L2138200
Client ID: 4125-071521-0002

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum	< 0.040	0.040	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic	< 0.0016	0.0016	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium	< 0.002	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium	< 0.050	0.050	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium	0.008	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper	< 0.0010	0.0010	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.003	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	< 0.0014	0.0014	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	< 0.021	0.021	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	< 0.011	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	< 0.02	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	< 0.11	0.11	mg/L	1	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	< 0.0011	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071521-0002

Phoenix I.D.: CI76374

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	< 0.0003	0.0003	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.002	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0003	0.0003	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	< 0.009	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	< 0.010	0.010	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	< 0.05	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	< 0.10	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	< 0.0020	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sodium	0.77	0.10	mg/L	1	07/22/21	CPP	SW6010D/E200.7
Nickel	< 0.0010	0.0010	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead	< 0.0002	0.0002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Antimony	< 0.0012	0.0012	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium	0.0104	0.0020	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc	< 0.002	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/20/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/20/21	AG	SW3005A
Total Metals Digestion	Completed				07/19/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

July 30, 2021

QA/QC Data

SDG I.D.: GCI76366

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 584179 (mg/L), QC Sample No: CI76372 (CI76366, CI76367, CI76368, CI76369, CI76370, CI76371, CI76372, CI76373, CI76374)													
Mercury (Dissolved)	BRL	0.0002	<0.0002	<0.0002	NC	91.6			89.8	104	14.7	80 - 120	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 584139 (mg/L), QC Sample No: CI76372 (CI76366, CI76367, CI76368, CI76369, CI76370, CI76371, CI76372, CI76373, CI76374)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	107			102	102	0.0	80 - 120	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 584073 (mg/L), QC Sample No: CI76372 (CI76366, CI76367, CI76368, CI76369, CI76370, CI76371, CI76372, CI76373, CI76374)													
ICP Metals - Aqueous													
Iron	BRL	0.010	1.56	1.59	1.90	106	104	1.9	99.8	103	3.2	80 - 120	20
Sodium	BRL	0.10	185	210	12.7	109	108	0.9	NC	NC	NC	80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 584115 (mg/L), QC Sample No: CI76372 (CI76366, CI76367, CI76368, CI76369, CI76370, CI76372, CI76373)													
ICP Metals - Dissolved													
Iron	BRL	0.011	1.52	1.51	0.70	91.7	91.9	0.2	109	109	0.0	80 - 120	20
Sodium	BRL	0.11	174	194	10.9	112	109	2.7	NC	NC	NC	80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 584217 (mg/L), QC Sample No: CI76374 (CI76374)													
ICP Metals - Dissolved													
Iron	BRL	0.011	<0.011	<0.011	NC	94.2	94.2	0.0	97.8			80 - 120	20
Sodium	BRL	0.11	<0.11	<0.11	NC	111	109	1.8	109			80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 584071 (mg/L), QC Sample No: CI76357 2X (CI76366, CI76367, CI76368, CI76369, CI76370, CI76371, CI76373, CI76374)													
ICP MS Metals - Aqueous													
Aluminum	BRL	0.040	0.063	0.062	NC	111	109	1.8	121			80 - 120	20
Antimony	BRL	0.0012	<0.0012	<0.0012	NC	110	110	0.0	113			80 - 120	20
Arsenic	BRL	0.0016	0.0038	0.0033	NC	113	113	0.0	114			80 - 120	20
Barium	BRL	0.002	0.008	0.008	0	101	101	0.0	99.8			80 - 120	20
Beryllium	BRL	0.0016	<0.0016	<0.0016	NC	110	107	2.8	103			80 - 120	20
Cadmium	BRL	0.0004	<0.0004	<0.0004	NC	111	112	0.9	108			80 - 120	20
Chromium	BRL	0.004	<0.004	0.005	NC	103	100	3.0	114			80 - 120	20
Cobalt	BRL	0.0020	<0.0020	<0.0020	NC	105	104	1.0	104			80 - 120	20
Copper	BRL	0.0010	0.034	0.0285	17.6	112	113	0.9	116			80 - 120	20

QA/QC Data

SDG I.D.: GCI76366

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Lead	BRL	0.0002	0.0047	0.0045	4.30	107	109	1.9	96.4			80 - 120	20	
Magnesium	BRL	0.10	17.2	17.1	0.60	103	104	1.0	NC			80 - 120	20	
Manganese	BRL	0.0020	0.0406	0.0410	1.00	107	103	3.8	96.6			80 - 120	20	
Nickel	BRL	0.0010	0.0052	0.0047	10.1	108	109	0.9	104			80 - 120	20	
Selenium	BRL	0.004	<0.004	<0.004	NC	122	121	0.8	94.2			80 - 120	20	l
Silver	BRL	0.0004	<0.0004	<0.0004	NC	108	108	0.0	95.8			80 - 120	20	
Thallium	BRL	0.0002	<0.0002	<0.0002	NC	104	106	1.9	94.2			80 - 120	20	
Vanadium	BRL	0.0020	<0.0020	<0.0020	NC	102	97.2	4.8	90.6			80 - 120	20	
Zinc	BRL	0.002	0.042	0.041	2.40	117	118	0.9	124			80 - 120	20	

Comment:

Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

QA/QC Batch 584116 (mg/L), QC Sample No: CI76372 2X (CI76366, CI76367, CI76368, CI76369, CI76370, CI76372, CI76373)

ICP Metals MS - Dissolved

Aluminum	BRL	0.002	<0.002	0.005	NC	106	108	1.9	96.1	99.3	3.3	80 - 120	20	
Antimony	BRL	0.0006	<0.0006	<0.0006	NC	89.3	93.2	4.3	86.4	90.6	4.7	80 - 120	20	
Arsenic	BRL	0.0021	0.0104	0.0090	14.4	84.7	90.8	7.0	78.8	86.4	9.2	80 - 120	20	
Barium	BRL	0.0021	0.104	0.105	1.00	90.6	93.7	3.4	79.2	75.1	5.3	80 - 120	20	
Beryllium	BRL	0.0021	<0.0021	<0.0021	NC	95.6	98.0	2.5	91.3	95.0	4.0	80 - 120	20	
Cadmium	BRL	0.0004	<0.0004	<0.0004	NC	92.6	96.1	3.7	89.0	91.7	3.0	80 - 120	20	
Calcium	BRL	0.021	39.2	39.8	1.50	96.0	98.3	2.4	NC	NC	NC	80 - 120	20	
Chromium	BRL	0.0021	0.0085	0.0104	20.1	102	106	3.8	106	105	0.9	80 - 120	20	
Cobalt	BRL	0.0021	<0.0021	<0.0021	NC	94.1	99.6	5.7	94.8	95.9	1.2	80 - 120	20	
Copper	BRL	0.011	<0.011	<0.011	NC	102	107	4.8	91.0	95.6	4.9	80 - 120	20	
Lead	BRL	0.0021	0.0034	0.0033	NC	93.6	95.8	2.3	85.5	86.7	1.4	80 - 120	20	
Magnesium	BRL	0.011	17.8	17.9	0.60	88.1	92.7	5.1	NC	NC	NC	80 - 120	20	
Manganese	BRL	0.0021	0.0488	0.0487	0.20	97.4	101	3.6	84.3	95.6	12.6	80 - 120	20	
Nickel	BRL	0.0011	0.0030	0.0028	6.90	94.8	96.5	1.8	91.7	91.0	0.8	80 - 120	20	
Potassium	BRL	0.02	19.5	20.7	6.00	91.9	96.2	4.6	NC	NC	NC	80 - 120	20	
Selenium	BRL	0.004	<0.004	<0.004	NC	95.4	95.8	0.4	79.6	75.3	5.6	80 - 120	20	
Silver	BRL	0.0004	<0.0004	<0.0004	NC	98.2	101	2.8	86.2	89.5	3.8	80 - 120	20	
Thallium	BRL	0.0006	<0.0006	<0.0006	NC	92.3	96.1	4.0	86.0	87.5	1.7	80 - 120	20	
Vanadium	BRL	0.0021	0.0031	<0.0021	NC	89.1	88.6	0.6	98.3	96.9	1.4	80 - 120	20	
Zinc	BRL	0.009	<0.009	<0.009	NC	91.9	97.4	5.8	85.6	86.2	0.7	80 - 120	20	

Comment:

Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

QA/QC Batch 584222 (mg/L), QC Sample No: CI76372 5X (CI76372)

ICP MS Metals - Aqueous

Aluminum	BRL	0.10	<0.040	<0.040	NC	122	111	9.4	104	96.6	7.4	80 - 120	20	l
Antimony	BRL	0.0030	<0.0012	<0.0012	NC	114	105	8.2	110	106	3.7	80 - 120	20	
Arsenic	BRL	0.0040	0.0071	0.0072	1.40	115	110	4.4	111	105	5.6	80 - 120	20	
Barium	BRL	0.005	0.094	0.096	2.10	108	101	6.7	107	87.0	20.6	80 - 120	20	r
Beryllium	BRL	0.0040	<0.0016	<0.0016	NC	122	107	13.1	103	100	3.0	80 - 120	20	l
Cadmium	BRL	0.0010	<0.0004	<0.0004	NC	118	107	9.8	107	106	0.9	80 - 120	20	
Chromium	BRL	0.010	0.004	0.004	NC	117	101	14.7	100	95.2	4.9	80 - 120	20	
Cobalt	BRL	0.0050	<0.0020	<0.0020	NC	112	102	9.3	101	98.0	3.0	80 - 120	20	
Copper	BRL	0.0025	0.0013	0.0018	NC	114	104	9.2	99.8	98.4	1.4	80 - 120	20	
Lead	BRL	0.0005	0.0089	0.0091	2.20	115	106	8.1	102	97.6	4.4	80 - 120	20	
Magnesium	BRL	0.10	20.8	19.7	5.40	100	103	3.0	NC	NC	NC	80 - 120	20	
Manganese	BRL	0.0050	0.0657	0.0677	3.00	106	97.6	8.3	100	102	2.0	80 - 120	20	
Nickel	BRL	0.0025	0.0030	0.0039	26.1	117	107	8.9	104	99.2	4.7	80 - 120	20	r
Selenium	BRL	0.010	<0.004	<0.004	NC	101	118	15.5	112	107	4.6	80 - 120	20	

QA/QC Data

SDG I.D.: GCI76366

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Silver	BRL	0.0010	<0.0004	<0.0004	NC	107	98.4	8.4	95.0	93.2	1.9	80 - 120	20	
Thallium	BRL	0.0005	<0.0002	<0.0002	NC	110	103	6.6	99.0	94.0	5.2	80 - 120	20	
Vanadium	BRL	0.0050	0.0032	0.0054	NC	102	92.4	9.9	85.8	79.6	7.5	80 - 120	20	
Zinc	BRL	0.005	0.005	0.005	0	124	116	6.7	110	107	2.8	80 - 120	20	l
Comment:														
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.														
QA/QC Batch 584282 (mg/L), QC Sample No: CI76374 2X (CI76374)														
ICP Metals MS - Dissolved														
Aluminum	BRL	0.002	0.003	0.004	NC	121	116	4.2	109			80 - 120	20	l
Antimony	BRL	0.0006	<0.0003	<0.0006	NC	101	98.9	2.1	98.3			80 - 120	20	
Arsenic	BRL	0.0021	<0.0014	<0.0021	NC	103	102	1.0	99.1			80 - 120	20	
Barium	BRL	0.0021	<0.0021	<0.0021	NC	100	97.8	2.2	95.4			80 - 120	20	
Beryllium	BRL	0.0021	<0.0021	<0.0021	NC	110	109	0.9	104			80 - 120	20	
Cadmium	BRL	0.0004	<0.0004	<0.0004	NC	103	100	3.0	99.8			80 - 120	20	
Calcium	BRL	0.021	<0.021	<0.021	NC	103	101	2.0	101			80 - 120	20	
Chromium	BRL	0.0021	<0.0021	<0.0021	NC	116	107	8.1	102			80 - 120	20	
Cobalt	BRL	0.0021	<0.0021	<0.0021	NC	103	103	0.0	100			80 - 120	20	
Copper	BRL	0.011	<0.011	<0.011	NC	105	99.4	5.5	102			80 - 120	20	
Lead	BRL	0.0021	<0.0021	<0.0021	NC	108	108	0.0	105			80 - 120	20	
Magnesium	BRL	0.011	<0.011	<0.011	NC	104	103	1.0	101			80 - 120	20	
Manganese	BRL	0.0021	<0.0021	<0.0021	NC	101	103	2.0	98.5			80 - 120	20	
Nickel	BRL	0.0011	<0.0011	<0.0011	NC	101	100	1.0	98.3			80 - 120	20	
Potassium	BRL	0.02	<0.02	<0.02	NC	98.1	97.5	0.6	96.5			80 - 120	20	
Selenium	BRL	0.004	<0.002	<0.004	NC	106	104	1.9	103			80 - 120	20	
Silver	BRL	0.0004	<0.0004	<0.0004	NC	101	99.4	1.6	100			80 - 120	20	
Thallium	BRL	0.0006	<0.0003	<0.0006	NC	110	106	3.7	106			80 - 120	20	
Vanadium	BRL	0.0021	<0.0021	<0.0021	NC	101	93.6	7.6	92.1			80 - 120	20	
Zinc	BRL	0.009	<0.009	<0.009	NC	108	102	5.7	103			80 - 120	20	
Comment:														
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.														

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
July 30, 2021

Friday, July 30, 2021

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCI76366 - ALPHA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Serial_No:07302114:00

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 30, 2021 SDG I.D.: GCI76366

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

ICP Metals Narration

ICPMS 07/22/21 14:25: CI76366, CI76367, CI76368, CI76369, CI76370, CI76372, CI76373
The following Continuing Calibration Verification (CCV) compounds did not meet criteria:
CCV 07/22/21 16:45: Silver 88% (90-110) CI76366, CI76367, CI76368, CI76369, CI76370, CI76373

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

July 30, 2021

SDG I.D.: GCI76366

The samples in this delivery group were received at 3.2°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

WCico 3.2

Subcontract Chain of Custody

Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040

Alpha Job Number
L2138200

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Phone: 716.427.5225
Email: bpirinelli@alphalab.com

Project Information

Project Location: NY
Project Manager: Brenda Pirinelli

Turnaround & Deliverables Information

Due Date: 07/26/21
Deliverables:

Regulatory Requirements/Report Limits

State/Federal Program:
Regulatory Criteria:

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2138200

Report to include Method Blank, LCS/LCSD: YES

Additional Comments: Send all results/reports to subreports@alphalab.com SUB-TAL 6020: Run Total TAL Metals by Method 6020 SUB-METALS 6020: Run Dissolved TAL Metals by Method 6020

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
76366	4125-071321-1255	07-13-21 12:55	WATER	Metals 6020; TAL 6020 Metals	
76367	4125-071321-1530	07-13-21 15:30	WATER	Metals 6020; TAL 6020 Metals	
76368	4125-071321-1700	07-13-21 17:00	WATER	Metals 6020; TAL 6020 Metals	
76369	4125-071421-1020	07-14-21 10:20	WATER	Metals 6020; TAL 6020 Metals	
76370	4125-071421-1240	07-14-21 12:40	WATER	Metals 6020; TAL 6020 Metals	
76371	4125-071421-0001	07-14-21 00:00	WATER	TAL 6020 Metals	
76372	4125-071521-0815	07-15-21 08:15	WATER	Metals 6020; TAL 6020 Metals	MS;MSD
76373	4125-071521-1030	07-15-21 10:30	WATER	Metals 6020; TAL 6020 Metals	
76374	4125-071521-0002	07-15-21 12:30	WATER	Metals 6020; TAL 6020 Metals	

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature] Kelly Smith	07/19/21	Kelly Smith	7/19/21 915
Kelly Smith	7/19/21	[signature]	7/19 1355

Form No: AL_subcoc

Rec: 2x HNO_3 each

Serial_No:07302114:00

PHOENIX
Environmental Laboratories, Inc.

Friday, July 30, 2021

Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Project ID: L2138200
SDG ID: GCI76375
Sample ID#s: CI76375

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

July 30, 2021

SDG I.D.: GCI76375

Project ID: L2138200

Client Id	Lab Id	Matrix
4125-071521-00003	CI76375	WATER

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 30, 2021

FOR: Attn: Brenda Pirinelli
Alpha Analytical Lab
8 Walkup Drive
Westborough, MA 01581

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		07/15/21	11:00
Location Code:	ALPHA	Received by:	LB	07/19/21	13:55
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCI76375
Phoenix ID: CI76375

Project ID: L2138200
Client ID: 4125-071521-00003

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Aluminum	< 0.040	0.040	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Arsenic	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Barium	< 0.002	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Beryllium	< 0.0016	0.0016	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Calcium	< 0.050	0.050	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Cadmium	< 0.0004	0.0004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Cobalt	< 0.0020	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Chromium	0.009	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Copper	< 0.0010	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Silver (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Aluminum (Dissolved)	0.006	0.002	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Arsenic, Dissolved	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Barium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Beryllium (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Calcium (Dissolved)	0.032	0.021	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Cadmium (Dissolved)	< 0.0004	0.0004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Cobalt (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Chromium (Dissolved)	0.0163	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Copper (Dissolved)	< 0.011	0.011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron (Dissolved)	< 0.011	0.011	mg/L	1	07/26/21	CPP	SW6010D/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	1	07/21/21	AT	SW7470/E245.1
Potassium (Dissolved)	< 0.02	0.02	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Magnesium (Dissolved)	0.013	0.011	mg/L	2	07/22/21	MGH	SW6020B/E200.8
Manganese (Dissolved)	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Sodium (Dissolved)	< 0.11	0.11	mg/L	1	07/28/21	CPP	SW6010D/E200.7
Nickel (Dissolved)	< 0.0011	0.0011	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Lead (Dissolved) LDL	< 0.0021	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8

Ver 1

Project ID: L2138200
Client ID: 4125-071521-00003

Phoenix I.D.: CI76375

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Antimony (Dissolved)-LDL	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Selenium (Dissolved)-LDL	< 0.004	0.004	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Thallium (Dissolved)	< 0.0006	0.0006	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Vanadium (Dissolved)	0.0033	0.0021	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Zinc (Dissolved)	< 0.009	0.009	mg/L	2	07/22/21	CPP	SW6020B/E200.8
Iron	< 0.010	0.010	mg/L	1	07/24/21	CPP	SW6010D/E200.7
Mercury	< 0.0002	0.0002	mg/L	1	07/20/21	AT	SW7470/E245.1
Potassium	< 0.05	0.05	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Magnesium	< 0.10	0.10	mg/L	5	07/22/21	MGH	SW6020B/E200.8
Manganese	0.0024	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sodium	< 0.10	0.10	mg/L	1	07/24/21	CPP	SW6010D/E200.7
Nickel	< 0.0010	0.0010	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Lead	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Antimony	< 0.0012	0.0012	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Selenium	< 0.004	0.004	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Thallium	< 0.0002	0.0002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Vanadium	0.0148	0.0020	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Zinc	0.003	0.002	mg/L	2	07/21/21	CPP	SW6020B/E200.8
Sample Disposal	Completed				07/19/21		
Dissolved Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Mercury Digestion	Completed				07/20/21	AB/AB	SW7470/245.1
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Dissolved Metals Preparation	Completed				07/19/21	AG	SW3005A
Total Metals Digestion	Completed				07/21/21	AG	
Total Metals Digestion MS (Silver)	Completed				07/19/21	AG	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
July 30, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

Ver 1

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

July 30, 2021

QA/QC Data

SDG I.D.: GCI76375

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 584140 (mg/L), QC Sample No: CI76347 (CI76375)													
Mercury - Water	BRL	0.0002	<0.0002	<0.0002	NC	105			97.5			80 - 120	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 584179 (mg/L), QC Sample No: CI76372 (CI76375)													
Mercury (Dissolved)	BRL	0.0002	<0.0002	<0.0002	NC	91.6			89.8	104	14.7	80 - 120	20
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 584115 (mg/L), QC Sample No: CI76372 (CI76375)													
ICP Metals - Dissolved													
Iron	BRL	0.011	1.52	1.51	0.70	91.7	91.9	0.2	109	109	0.0	80 - 120	20
Sodium	BRL	0.11	174	194	10.9	112	109	2.7	NC	NC	NC	80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 584427 (mg/L), QC Sample No: CI77308 (CI76375)													
ICP Metals - Aqueous													
Iron	BRL	0.010	0.107	0.103	3.80	106	105	0.9	104			80 - 120	20
Sodium	BRL	0.10	12.3	12.0	2.50	89.9	89.8	0.1	NC			80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 584071 (mg/L), QC Sample No: CI76357 2X (CI76375)													
ICP MS Metals - Aqueous													
Aluminum	BRL	0.040	0.063	0.062	NC	111	109	1.8	121			80 - 120	20
Antimony	BRL	0.0012	<0.0012	<0.0012	NC	110	110	0.0	113			80 - 120	20
Arsenic	BRL	0.0016	0.0038	0.0033	NC	113	113	0.0	114			80 - 120	20
Barium	BRL	0.002	0.008	0.008	0	101	101	0.0	99.8			80 - 120	20
Beryllium	BRL	0.0016	<0.0016	<0.0016	NC	110	107	2.8	103			80 - 120	20
Cadmium	BRL	0.0004	<0.0004	<0.0004	NC	111	112	0.9	108			80 - 120	20
Chromium	BRL	0.004	<0.004	0.005	NC	103	100	3.0	114			80 - 120	20
Cobalt	BRL	0.0020	<0.0020	<0.0020	NC	105	104	1.0	104			80 - 120	20
Copper	BRL	0.0010	0.034	0.0285	17.6	112	113	0.9	116			80 - 120	20
Lead	BRL	0.0002	0.0047	0.0045	4.30	107	109	1.9	96.4			80 - 120	20
Magnesium	BRL	0.10	17.2	17.1	0.60	103	104	1.0	NC			80 - 120	20
Manganese	BRL	0.0020	0.0406	0.0410	1.00	107	103	3.8	96.6			80 - 120	20
Nickel	BRL	0.0010	0.0052	0.0047	10.1	108	109	0.9	104			80 - 120	20
Selenium	BRL	0.004	<0.004	<0.004	NC	122	121	0.8	94.2			80 - 120	20
Silver	BRL	0.0004	<0.0004	<0.0004	NC	108	108	0.0	95.8			80 - 120	20
Thallium	BRL	0.0002	<0.0002	<0.0002	NC	104	106	1.9	94.2			80 - 120	20
Vanadium	BRL	0.0020	<0.0020	<0.0020	NC	102	97.2	4.8	90.6			80 - 120	20
Zinc	BRL	0.002	0.042	0.041	2.40	117	118	0.9	124			80 - 120	20

QA/QC Data

SDG I.D.: GCI76375

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													
QA/QC Batch 584116 (mg/L), QC Sample No: CI76372 2X (CI76375)													
ICP Metals MS - Dissolved													
Aluminum	BRL	0.002	<0.002	0.005	NC	106	108	1.9	96.1	99.3	3.3	80 - 120	20
Antimony	BRL	0.0006	<0.0006	<0.0006	NC	89.3	93.2	4.3	86.4	90.6	4.7	80 - 120	20
Arsenic	BRL	0.0021	0.0104	0.0090	14.4	84.7	90.8	7.0	78.8	86.4	9.2	80 - 120	20
Barium	BRL	0.0021	0.104	0.105	1.00	90.6	93.7	3.4	79.2	75.1	5.3	80 - 120	20
Beryllium	BRL	0.0021	<0.0021	<0.0021	NC	95.6	98.0	2.5	91.3	95.0	4.0	80 - 120	20
Cadmium	BRL	0.0004	<0.0004	<0.0004	NC	92.6	96.1	3.7	89.0	91.7	3.0	80 - 120	20
Calcium	BRL	0.021	39.2	39.8	1.50	96.0	98.3	2.4	NC	NC	NC	80 - 120	20
Chromium	BRL	0.0021	0.0085	0.0104	20.1	102	106	3.8	106	105	0.9	80 - 120	20
Cobalt	BRL	0.0021	<0.0021	<0.0021	NC	94.1	99.6	5.7	94.8	95.9	1.2	80 - 120	20
Copper	BRL	0.011	<0.011	<0.011	NC	102	107	4.8	91.0	95.6	4.9	80 - 120	20
Lead	BRL	0.0021	0.0034	0.0033	NC	93.6	95.8	2.3	85.5	86.7	1.4	80 - 120	20
Magnesium	BRL	0.011	17.8	17.9	0.60	88.1	92.7	5.1	NC	NC	NC	80 - 120	20
Manganese	BRL	0.0021	0.0488	0.0487	0.20	97.4	101	3.6	84.3	95.6	12.6	80 - 120	20
Nickel	BRL	0.0011	0.0030	0.0028	6.90	94.8	96.5	1.8	91.7	91.0	0.8	80 - 120	20
Potassium	BRL	0.02	19.5	20.7	6.00	91.9	96.2	4.6	NC	NC	NC	80 - 120	20
Selenium	BRL	0.004	<0.004	<0.004	NC	95.4	95.8	0.4	79.6	75.3	5.6	80 - 120	20
Silver	BRL	0.0004	<0.0004	<0.0004	NC	98.2	101	2.8	86.2	89.5	3.8	80 - 120	20
Thallium	BRL	0.0006	<0.0006	<0.0006	NC	92.3	96.1	4.0	86.0	87.5	1.7	80 - 120	20
Vanadium	BRL	0.0021	0.0031	<0.0021	NC	89.1	88.6	0.6	98.3	96.9	1.4	80 - 120	20
Zinc	BRL	0.009	<0.009	<0.009	NC	91.9	97.4	5.8	85.6	86.2	0.7	80 - 120	20
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
July 30, 2021

Friday, July 30, 2021

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCI76375 - ALPHA

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 30, 2021 SDG I.D.: GCI76375

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

July 30, 2021

SDG I.D.: GCI76375

The samples in this delivery group were received at 3.2°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

WCice 3.2

Subcontract Chain of Custody

Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040

Alpha Job Number
L2138200

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Phone: 716.427.5225
Email: bpirinelli@alphalab.com

Project Information

Project Location: NY
Project Manager: Brenda Pirinelli

Turnaround & Deliverables Information

Due Date: 07/26/21
Deliverables:

Regulatory Requirements/Report Limits

State/Federal Program:

Regulatory Criteria:

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2138200

Report to include Method Blank, LCS/LCSD: YES

Additional Comments: Send all results/reports to subreports@alphalab.com SUB-TAL 6020: Run Total TAL Metals by Method 6020 SUB-METALS 6020: Run Dissolved TAL Metals by Method 6020

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
76375	4125-071521-0003	07-15-21 11:00	WATER	Metals 6020; TAL 6020 Metals	

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	[signature]	07/19/21	[signature]	7/19/21 915
	[signature]	7/19/21	[signature]	7/19 1355
Form No: AL_subcoc				

Serial_No:07302114:00

ANALYTICAL REPORT

Lab Number:	L2139979
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	TROWBRIDGE GW SAMPLING
Project Number:	0200336-001
Report Date:	08/02/21

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

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

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

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-001

Lab Number: L2139979
Report Date: 08/02/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2139979-01	4125-072621-0930	WATER	ROCHESTER, NY	07/26/21 09:30	07/26/21

Project Name:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2139979
Project Number:	0200336-001	**Report Date:**	08/02/21

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:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2139979
Project Number:	0200336-001	**Report Date:**	08/02/21

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.

Volatile Organics

L2139979-01: The surrogate recovery is outside the acceptance criteria for toluene-d8 (133%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2139979-01 and 01D: The pH of the sample was greater than two; however, the sample was analyzed within the method required holding time.

L2139979-01: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The results should be considered estimated, and are qualified with an E flag, for any compounds that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compounds that exceeded the calibration range.

L2139979-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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: Sebastian Corbin

Title: Technical Director/Representative Date: 08/02/21

ORGANICS

VOLATILES

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-001
Lab Number: L2139979
Report Date: 08/02/21

SAMPLE RESULTS

Lab ID: L2139979-01
Client ID: 4125-072621-0930
Sample Location: ROCHESTER, NY

Date Collected: 07/26/21 09:30
Date Received: 07/26/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/29/21 19:43
Analyst: AJK

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	24		ug/l	0.50	0.16	1
Toluene	28		ug/l	2.5	0.70	1
Ethylbenzene	64		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: TROWBRIDGE GW SAMPLING **Lab Number:** L2139979

Project Number: 0200336-001 **Report Date:** 08/02/21

SAMPLE RESULTS

Lab ID: L2139979-01 Date Collected: 07/26/21 09:30

Client ID: 4125-072621-0930 Date Received: 07/26/21

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	440	E	ug/l	2.5	0.70	1
o-Xylene	8.7		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	38		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	230	E	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	420	E	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	**133**	Q	70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	83		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2139979

Project Number: 0200336-001 **Report Date:** 08/02/21

SAMPLE RESULTS

Lab ID: L2139979-01 D
Client ID: 4125-072621-0930
Sample Location: ROCHESTER, NY

Date Collected: 07/26/21 09:30
Date Received: 07/26/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 08/02/21 09:18
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	400		ug/l	12	3.5	5
Cyclohexane	270		ug/l	50	1.4	5
Methyl cyclohexane	410		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	89		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2139979

Project Number: 0200336-001 **Report Date:** 08/02/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/29/21 10:46
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1529892-5					
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: TROWBRIDGE GW SAMPLING **Lab Number:** L2139979

Project Number: 0200336-001 **Report Date:** 08/02/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/29/21 10:46
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1529892-5					
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
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-001
Lab Number: L2139979
Report Date: 08/02/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/29/21 10:46
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1529892-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: TROWBRIDGE GW SAMPLING **Lab Number:** L2139979

Project Number: 0200336-001 **Report Date:** 08/02/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 08/02/21 08:25
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1530512-5					
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	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
Cyclohexane	ND		ug/l	10	0.27
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-001

Lab Number: L2139979
Report Date: 08/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1529892-3 WG1529892-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	97		95		70-130	2		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	96		93		70-130	3		20
Dibromochloromethane	99		95		63-130	4		20
1,1,2-Trichloroethane	94		93		70-130	1		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	92		88		70-130	4		20
1,1,1-Trichloroethane	98		96		67-130	2		20
Bromodichloromethane	99		96		67-130	3		20
trans-1,3-Dichloropropene	97		92		70-130	5		20
cis-1,3-Dichloropropene	100		95		70-130	5		20
Bromoform	84		85		54-136	1		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	100		98		64-130	2		20
Bromomethane	130		130		39-139	0		20
Vinyl chloride	92		86		55-140	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-001

Lab Number: L2139979

Report Date: 08/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1529892-3 WG1529892-4								
Chloroethane	130		120		55-138	8		20
1,1-Dichloroethene	100		99		61-145	1		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	95		88		70-130	8		20
1,2-Dichlorobenzene	100		98		70-130	2		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	100		98		63-130	2		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Styrene	110		105		70-130	5		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	86		73		58-148	16		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	85		76		63-138	11		20
4-Methyl-2-pentanone	68		67		59-130	1		20
2-Hexanone	84		78		57-130	7		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	97		100		70-130	3		20
1,2-Dibromo-3-chloropropane	78		75		41-144	4		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	87		84		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-001

Lab Number: L2139979
Report Date: 08/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1529892-3 WG1529892-4								
1,2,4-Trichlorobenzene	92		92		70-130	0		20
Methyl Acetate	94		90		70-130	4		20
Cyclohexane	89		86		70-130	3		20
1,4-Dioxane	82		78		56-162	5		20
Freon-113	130		120		70-130	8		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		98		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	94		99		70-130
Dibromofluoromethane	105		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: TROWBRIDGE GW SAMPLING

Project Number: 0200336-001

Lab Number: L2139979

Report Date: 08/02/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1530512-3 WG1530512-4								
Benzene	110		100		70-130	10		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
p/m-Xylene	110		100		70-130	10		20
o-Xylene	105		100		70-130	5		20
Cyclohexane	110		100		70-130	10		20
Methyl cyclohexane	100		99		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		91		70-130
Toluene-d8	104		103		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	104		103		70-130

Project Name: TROWBRIDGE GW SAMPLING
Project Number: 0200336-001

Lab Number: L2139979
Report Date: 08/02/21

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(*)
L2139979-01A	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2139979-01B	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2139979-01C	Vial HCl preserved	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2139979
Project Number:	0200336-001	**Report Date:**	08/02/21

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:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2139979
Project Number:	0200336-001	**Report Date:**	08/02/21

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:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2139979
Project Number:	0200336-001	**Report Date:**	08/02/21

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	TROWBRIDGE GW SAMPLING	**Lab Number:**	L2139979
Project Number:	0200336-001	**Report Date:**	08/02/21

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.

CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

Service Centers
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430
Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 7/27/21

ALPHA Job #: L2139979

H&A Information
H&A Client:
H&A Address: 200 Town Centre Dr
Rochester, NY
H&A Phone: 614-564-7088
H&A Fax:
H&A Email: SMckenna@haleyaldrich.com

Project Information
Project Name: Trowbridge GW Sampling
Project Location: Rochester, NY
Project # 0200336-001
(Use Project name as Project #)
Project Manager: Janice Szucs
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] Email [ ] Fax
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other:

Billing Information
[ ] Same as Client Info
PO #

Regulatory Requirements (Program/Criteria)
Note: Select State from menu & identify criteria.

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 VOCs 8260	Sample Specific Comments	Total Bottles
39979-01	4125-072621-0930	7/26/21	9:30	WG	R.S.L.	X	Normal	3

R.S.L.

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	B		

Relinquished By:	Date/Time	Received By:	Date/Time
Robert Hyslip	7/26/21 10:15	SECURE STORAGE AAL	7-26-21 10:15
SECURE STORAGE AAL	7/26/21 1300	RCunningham AAL	7/26/21 13:00
R Cunningham AAL	7/26/21 13:00		7/27/21 0015

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2015-18-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

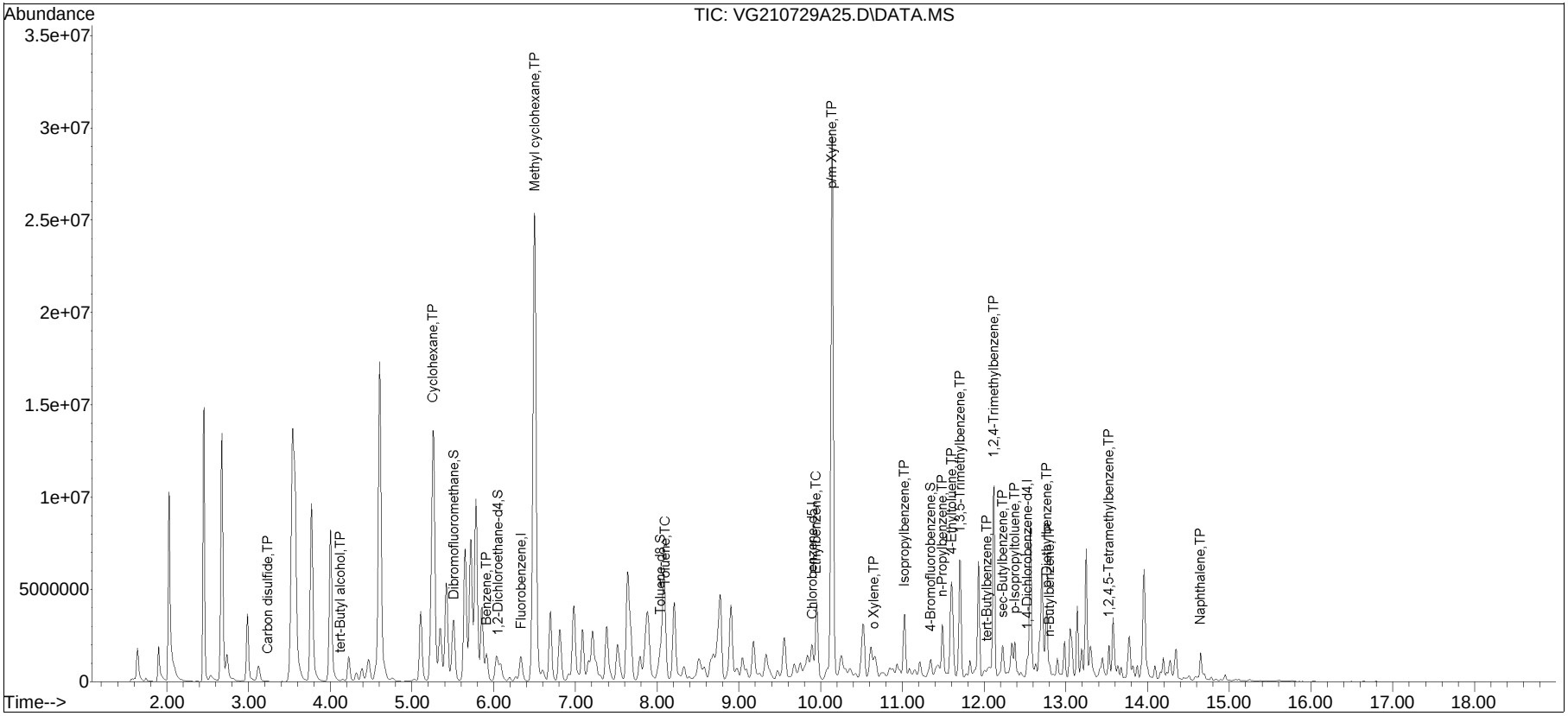
Document ID: 20455 Rev 1 (1/28/2016)

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\Gonzo\2021\210729A\
Data File : VG210729A25.D
Acq On : 29 Jul 2021 7:43 pm
Operator : GONZO:AJK
Sample : L2139979-01,31,10,10,,A,PRI
Misc : WG1529892,ICAL18092
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 29 21:40:52 2021
Quant Method : I:\VOLATILES\Gonzo\2021\210729A\G_210625N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Jun 26 08:53:36 2021
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane



ANALYTICAL REPORT

Lab Number:	L2457116
Client:	Haley & Aldrich 260 E Main St Suite 2100 Rochester, NY 14604
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-DRUM
Project Number:	Not Specified
Report Date:	10/09/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 65 TROWBRIDGE-DRUM
Project Number: Not Specified

Lab Number: L2457116
Report Date: 10/09/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2457116-01	DRUM-100224-1120	WATER	ROCHESTER, NY	10/02/24 11:20	10/02/24

Project Name:	65 TROWBRIDGE-DRUM	**Lab Number:**	L2457116
Project Number:	Not Specified	**Report Date:**	10/09/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, 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:	65 TROWBRIDGE-DRUM	**Lab Number:**	L2457116
Project Number:	Not Specified	**Report Date:**	10/09/24

Case Narrative (continued)

Report Submission

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

Volatile Organics

The WG1981265-3/-4 LCS/LCSD recoveries, associated with L2457116-01, are below the individual acceptance criteria for naphthalene (63%/65%), but within the overall method allowances. The results of the associated sample are reported.

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

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 10/09/24

ORGANICS

VOLATILES

Project Name: 65 TROWBRIDGE-DRUM
Lab Number: L2457116
Project Number: Not Specified
Report Date: 10/09/24

SAMPLE RESULTS

Lab ID: L2457116-01
Client ID: DRUM-100224-1120
Sample Location: ROCHESTER, NY

Date Collected: 10/02/24 11:20
Date Received: 10/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/05/24 16:36
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	0.56		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
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	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
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	0.86	J	ug/l	2.5	0.70	1
n-Propylbenzene	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	105		70-130

Project Name: 65 TROWBRIDGE-DRUM
Project Number: Not Specified
Lab Number: L2457116
Report Date: 10/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/05/24 12:57
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1981265-5					
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
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
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
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	113		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DRUM
Project Number: Not Specified

Lab Number: L2457116
Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1981265-3 WG1981265-4								
Benzene	100		99		70-130	1		20
Toluene	100		98		70-130	2		20
Ethylbenzene	100		100		70-130	0		20
Methyl tert butyl ether	78		75		63-130	4		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
n-Butylbenzene	92		86		53-136	7		20
sec-Butylbenzene	94		88		70-130	7		20
tert-Butylbenzene	96		93		70-130	3		20
Isopropylbenzene	97		92		70-130	5		20
p-Isopropyltoluene	95		91		70-130	4		20
Naphthalene	**63**	Q	**65**	Q	70-130	3		20
n-Propylbenzene	97		92		69-130	5		20
1,3,5-Trimethylbenzene	99		94		64-130	5		20
1,2,4-Trimethylbenzene	99		94		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		95		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	89		90		70-130
Dibromofluoromethane	106		107		70-130

SEMIVOLATILES

Project Name: 65 TROWBRIDGE-DRUM
Lab Number: L2457116
Project Number: Not Specified
Report Date: 10/09/24

SAMPLE RESULTS

Lab ID: L2457116-01
Client ID: DRUM-100224-1120
Sample Location: ROCHESTER, NY

Date Collected: 10/02/24 11:20
Date Received: 10/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/08/24 08:40
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/07/24 08:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.48		ug/l	0.10	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.03	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	0.19		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.14		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.05	J	ug/l	0.10	0.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	57		15-120
4-Terphenyl-d14	59		41-149

Project Name: 65 TROWBRIDGE-DRUM
Project Number: Not Specified
Lab Number: L2457116
Report Date: 10/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/08/24 08:24
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/07/24 08:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1980877-1					
Acenaphthene	ND		ug/l	0.10	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	0.04	J	ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	73		15-120
4-Terphenyl-d14	90		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DRUM
Project Number: Not Specified

Lab Number: L2457116
Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1980877-2 WG1980877-3								
Acenaphthene	64		71		40-140	10		40
Fluoranthene	62		70		40-140	12		40
Benzo(a)anthracene	83		92		40-140	10		40
Benzo(a)pyrene	80		88		40-140	10		40
Benzo(b)fluoranthene	76		84		40-140	10		40
Benzo(k)fluoranthene	76		84		40-140	10		40
Chrysene	73		81		40-140	10		40
Acenaphthylene	61		67		40-140	9		40
Anthracene	69		77		40-140	11		40
Benzo(ghi)perylene	83		90		40-140	8		40
Fluorene	63		70		40-140	11		40
Phenanthrene	68		75		40-140	10		40
Dibenzo(a,h)anthracene	88		95		40-140	8		40
Indeno(1,2,3-cd)pyrene	91		98		40-140	7		40
Pyrene	62		69		40-140	11		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	78		84		23-120
2-Fluorobiphenyl	59		63		15-120
4-Terphenyl-d14	72		80		41-149

METALS

Project Name: 65 TROWBRIDGE-DRUM
Lab Number: L2457116
Project Number: Not Specified
Report Date: 10/09/24

SAMPLE RESULTS

Lab ID: L2457116-01
Client ID: DRUM-100224-1120
Sample Location: ROCHESTER, NY
Date Collected: 10/02/24 11:20
Date Received: 10/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.01184		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 16:58	EPA 3005A	1,6020B	SMV
Barium, Total	0.1032		mg/l	0.00050	0.00017	1	10/08/24 02:36	10/09/24 16:58	EPA 3005A	1,6020B	SMV
Cadmium, Total	0.00007	J	mg/l	0.00020	0.00005	1	10/08/24 02:36	10/09/24 16:58	EPA 3005A	1,6020B	SMV
Chromium, Total	0.00218		mg/l	0.00100	0.00017	1	10/08/24 02:36	10/09/24 16:58	EPA 3005A	1,6020B	SMV
Lead, Total	0.02066		mg/l	0.00100	0.00034	1	10/08/24 02:36	10/09/24 16:58	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/08/24 04:23	10/09/24 10:10	EPA 7470A	1,7470A	MJR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/08/24 02:36	10/09/24 16:58	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/08/24 02:36	10/09/24 16:58	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-DRUM **Lab Number:** L2457116

Project Number: Not Specified **Report Date:** 10/09/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1981204-1										
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1981208-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/08/24 04:23	10/09/24 10:03	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DRUM

Project Number: Not Specified

Lab Number: L2457116

Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1981204-2								
Arsenic, Total	105		-		80-120	-		
Barium, Total	106		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Lead, Total	104		-		80-120	-		
Selenium, Total	105		-		80-120	-		
Silver, Total	101		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1981208-2								
Mercury, Total	95		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DRUM
Project Number: Not Specified

Lab Number: L2457116
Report Date: 10/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1981204-3 QC Sample: L2457086-01 Client ID: MS Sample												
Arsenic, Total	ND	0.12	0.1194	100		-	-		75-125	-		20
Barium, Total	0.0969	2	2.120	101		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05296	100		-	-		75-125	-		20
Chromium, Total	0.0004J	0.2	0.1970	98		-	-		75-125	-		20
Lead, Total	ND	0.53	0.5318	100		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.130	108		-	-		75-125	-		20
Silver, Total	ND	0.05	0.04885	98		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1981208-3 QC Sample: L2457116-01 Client ID: DRUM-100224-1120												
Mercury, Total	ND	0.005	0.00448	90		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DRUM

Project Number: Not Specified

Lab Number: L2457116

Report Date: 10/09/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1981204-4 QC Sample: L2457086-01 Client ID: DUP Sample						
Cadmium, Total	ND	ND	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1981208-4 QC Sample: L2457116-01 Client ID: DRUM-100224-1120						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: 65 TROWBRIDGE-DRUM
Project Number: Not Specified

Lab Number: L2457116
Report Date: 10/09/24

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(*)
L2457116-01A	Vial HCl preserved	A	NA		4.3	Y	Absent		NYCP51-8260-G(14)
L2457116-01B	Vial HCl preserved	A	NA		4.3	Y	Absent		NYCP51-8260-G(14)
L2457116-01C	Vial HCl preserved	A	NA		4.3	Y	Absent		NYCP51-8260-G(14)
L2457116-01D	Amber 120ml unpreserved	A	6	6	4.3	Y	Absent		NYCP51-PAHSIM-RVT(7)
L2457116-01E	Amber 120ml unpreserved	A	6	6	4.3	Y	Absent		NYCP51-PAHSIM-RVT(7)
L2457116-01F	Plastic 250ml HNO3 preserved	A	<2	<2	4.3	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)

Container Comments

L2457116-01D	Amber-A.120
L2457116-01E	Amber-A.120

*Values in parentheses indicate holding time in days

Project Name:	65 TROWBRIDGE-DRUM	**Lab Number:**	L2457116
Project Number:	Not Specified	**Report Date:**	10/09/24

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:	65 TROWBRIDGE-DRUM	**Lab Number:**	L2457116
Project Number:	Not Specified	**Report Date:**	10/09/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-DRUM	**Lab Number:**	L2457116
Project Number:	Not Specified	**Report Date:**	10/09/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-DRUM	**Lab Number:**	L2457116
Project Number:	Not Specified	**Report Date:**	10/09/24

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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

L2457116 09OCT24
HALEY – NY

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: 10/3/24

Client Information
Client: Haley & Aldrich
Address: 200 Town Centre Dr. Rochester, NY
Phone: 585-321-4211
Fax:
Email: JSzucs@haleyaldrich.com

Project Information
Project Name: US Strawbridge - Drum
Project Location: Rochester, NY
Project #
(Use Project name as Project #) ☐
Project Manager: J. Szucs
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:
CC: smckenna@haleyaldrich.com
kbartlett@haleyaldrich.com

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	CP-51 VOCs	CP-51 SVOCs	RCRA 8 Metals	Total Bottles	Sample Specific Comments
57116-01	DRUM-100224-[redacted]1120	10/2/24	11:20	W	AB	X	X	X	6	

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	P								
Preservative	B	A	C								

Relinquished By:	Date/Time	Received By:	Date/Time
	10/02/24 11:45	Secure Storage PKG	10/2/24 1145
Secure Storage PKG	10/2/24 1754	Fed Ex Rochester	10/2/24 1754
Russell B Bishop	10-2-24 18:34		
	0130		10/3/24 1:30

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:	L2458235
Client:	Haley & Aldrich 260 E Main St Suite 2100 Rochester, NY 14604
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-DRUM
Project Number:	Not Specified
Report Date:	10/15/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 65 TROWBRIDGE-DRUM
Project Number: Not Specified

Lab Number: L2458235
Report Date: 10/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2458235-01	DRUM-100824-1345	WATER	ROCHESTER NY	10/08/24 13:45	10/08/24

Project Name:	65 TROWBRIDGE-DRUM	**Lab Number:**	L2458235
Project Number:	Not Specified	**Report Date:**	10/15/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, 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: 65 TROWBRIDGE-DRUM **Lab Number:** L2458235
Project Number: Not Specified **Report Date:** 10/15/24

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: Caitlin Walukevich

Title: Technical Director/Representative Date: 10/15/24

ORGANICS

PCBS

Project Name: 65 TROWBRIDGE-DRUM
Lab Number: L2458235
Project Number: Not Specified
Report Date: 10/15/24

SAMPLE RESULTS

Lab ID: L2458235-01
Client ID: DRUM-100824-1345
Sample Location: ROCHESTER NY

Date Collected: 10/08/24 13:45
Date Received: 10/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/13/24 14:07
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 10/12/24 01:50
Cleanup Method: EPA 3665A
Cleanup Date: 10/12/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/12/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 65 TROWBRIDGE-DRUM
Project Number: Not Specified
Lab Number: L2458235
Report Date: 10/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/13/24 13:20
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 10/12/24 01:50
Cleanup Method: EPA 3665A
Cleanup Date: 10/12/24
Cleanup Method: EPA 3660B
Cleanup Date: 10/12/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1983382-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DRUM

Project Number: Not Specified

Lab Number: L2458235

Report Date: 10/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1983382-2 WG1983382-3									
Aroclor 1016	73		72		40-140	2		50	A
Aroclor 1260	73		71		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		73		30-150	A
Decachlorobiphenyl	77		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		76		30-150	B
Decachlorobiphenyl	82		77		30-150	B

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE-DRUM
Project Number: Not Specified

Lab Number: L2458235
Report Date: 10/15/24

SAMPLE RESULTS

Lab ID: L2458235-01
Client ID: DRUM-100824-1345
Sample Location: ROCHESTER NY

Date Collected: 10/08/24 13:45
Date Received: 10/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
pH (H)	7.59		SU	-	NA	1	-	10/14/24 16:48	1,9040C	AAS

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DRUM

Project Number: Not Specified

Lab Number: L2458235

Report Date: 10/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1984085-1								
pH	99		-		99-101	-		5

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DRUM

Project Number: Not Specified

Lab Number: L2458235

Report Date: 10/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1984085-2 QC Sample: L2458195-01 Client ID: DUP Sample						
pH	7.61	7.74	SU	2		5

Project Name: 65 TROWBRIDGE-DRUM
Project Number: Not Specified

Lab Number: L2458235
Report Date: 10/15/24

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(*)
L2458235-01A	Plastic 60ml unpreserved	A	7	7	4.4	Y	Absent		PH-9040(1)
L2458235-01B	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)

*Values in parentheses indicate holding time in days

Project Name:	65 TROWBRIDGE-DRUM	**Lab Number:**	L2458235
Project Number:	Not Specified	**Report Date:**	10/15/24

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:	65 TROWBRIDGE-DRUM	**Lab Number:**	L2458235
Project Number:	Not Specified	**Report Date:**	10/15/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-DRUM	**Lab Number:**	L2458235
Project Number:	Not Specified	**Report Date:**	10/15/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-DRUM	**Lab Number:**	L2458235
Project Number:	Not Specified	**Report Date:**	10/15/24

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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

L2458235 HALEY – NY 15OCT2

ALPHA

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: 10/09/24

Client Information
Client: Haley + Aldrich
Address: 206 E Main St
Rochester NY 14604
Phone: 585 321 4242
Fax:
Email: smckenna@haleyaldrich.com

Project Information
Project Name: 65 Trowbridge - DRUM
Project Location: Rochester NY
Project #
(Use Project name as Project #) ☐
Project Manager: J. Szucs
ALPHAQuote #:

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	CP-51 PCBs	pH							Total Bottle
58235-01	DRUM-100824-1345	10/8/24	1345	WW	SM	1	X							2

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

Sample Specific Comments

Container Type	A	P						
Preservative	A	A						

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	10/8/24 1430	Nap ROCH. SC.	10/9/24 14:34
Russell B. Bishop	10-8-24 18:57		
	EST	Julie	10/9/24 1:30

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)

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 800-535-5053	4. Waste Tracking Number 57462

GENERATOR

5. Generator's Name and Mailing Address
Wm. B Morse Lumber
340 West Main Street
Rochester, NY 14808
Generator's Phone: 585-445-2058

Generator's Site Address (if different than mailing address)
Morse Lumber
65 Trowbridge Street
Rochester, NY 14808

6. Transporter 1 Company Name: Environmental Service Group, Inc — 716.695.6720 — U.S. EPA ID Number: NYD986903904

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
American Recyclers Company
177 Wales Avenue
Tonawanda, NY 14150
Facility's Phone: 716.695.6720 — U.S. EPA ID Number: NYR000030809

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA Non DOT Regulated , (Purge Water)	001	DM	025	G	Est
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

ERG:	Approval #:
1 -	1 - H-25125T
2 -	2 -
3 -	3 -
4 -	4 -

Handling Codes:
1 - None
2 -
3 -
4 -

24 Hour Emergency Contact: INFOTRAC (Caller Must ID ESG)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: X Frank Thomas on behalf of Morse Lumber — Signature: Frank Thomas — Month 11 Day 7 Year 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JAMES FADESON — Signature: James Fadeson — Month 11 Day 07 Year 24
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Justin Rainville — Signature: Justin Rainville — Month 11 Day 07 Year 24

DESIGNATED FACILITY TO GENERATOR

Printed in USA by GC Labels
1-800-997-6966
Reorder Part# MANIFEST-C6NHW
913-897-6966

ANALYTICAL REPORT

Lab Number:	L2430944
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-DOC. SAMPLES
Project Number:	200336-002
Report Date:	06/19/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002

Lab Number: L2430944
Report Date: 06/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2430944-01	TB-DOC1-060424-0900	SOIL	ROCHESTER, NY	06/04/24 09:00	06/04/24
L2430944-02	TB-DOC2-060424-1000	SOIL	ROCHESTER, NY	06/04/24 10:00	06/04/24
L2430944-03	TB-DOC3-060424-1100	SOIL	ROCHESTER, NY	06/04/24 11:00	06/04/24
L2430944-04	TB-DOC4-060424-1120	SOIL	ROCHESTER, NY	06/04/24 11:20	06/04/24
L2430944-05	TB-DOC5-060424-1240	SOIL	ROCHESTER, NY	06/04/24 12:40	06/04/24
L2430944-06	TB-DOC6-060424-1250	SOIL	ROCHESTER, NY	06/04/24 12:50	06/04/24
L2430944-07	TB-DOC7-060424-1320	SOIL	ROCHESTER, NY	06/04/24 13:20	06/04/24
L2430944-08	4444-060424-001	SOIL	ROCHESTER, NY	06/04/24 00:00	06/04/24

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2430944
Project Number:	200336-002	**Report Date:**	06/19/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2430944
Project Number:	200336-002	**Report Date:**	06/19/24

Case Narrative (continued)

Report Submission

June 19, 2024: This final report includes the results of all requested analyses.

June 18, 2024: This is a preliminary report.

June 11, 2024: This is a preliminary report.

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

Sample Receipt

The analysis of Total Cyanide was performed at the client's request.

Volatile Organics

L2430944-01D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2430944-01D2: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2430944-02: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

L2430944-02 (Low): The internal standard (IS) response for 1,4-dichlorobenzene-d4 (49%) was below the acceptance criteria. Re-analysis achieved IS response within criteria; however, the results could not be reported. The results of original analysis are reported.

L2430944-03: The internal standard (IS) responses for chlorobenzene-d5 (38%) and 1,4-dichlorobenzene-d4 (23%) and the surrogate recovery for 4-bromofluorobenzene (132%) were outside the acceptance criteria;

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2430944
Project Number:	200336-002	**Report Date:**	06/19/24

Case Narrative (continued)

however, re-analysis achieved the following result: 1,4-dichlorobenzene-d4 (31%). The results of the original analysis are reported.
L2430944-05: The internal standard (IS) responses for chlorobenzene-d5 (47%) and 1,4-dichlorobenzene-d4 (34%) were below the acceptance criteria; however, re-analysis achieved the following result: 1,4-dichlorobenzene-d4 (36%). The results of the original analysis are reported.
The WG1932152-4 LCSD recovery, associated with L2430944-04 and -06, is below the individual acceptance criteria for vinyl chloride (56%), but within the overall method allowances. The results of the associated samples are reported.
The WG1932153-4 LCSD recovery, associated with L2430944-01D and -02, is below the individual acceptance criteria for vinyl chloride (56%), but within the overall method allowances. The results of the associated samples are reported.

Semivolatile Organics
L2430944-01, -06, and -07: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.
L2430944-02: The surrogate recovery is outside the individual acceptance criteria for 4-terphenyl-d14 (123%), but within the overall method allowances. The results of the original analysis are reported.

Perfluorinated Alkyl Acids by 1633
L2430944-02, -06, and WG1935798-1/-2/-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Pesticides
L2430944-02 and -08: One or more dual column RPDs are above the acceptance criteria; however, obvious column interferences are present. The result is qualified with a "P" if the higher of the two results is reported.

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2430944
Project Number:	200336-002	**Report Date:**	06/19/24

Case Narrative (continued)

The result is qualified with an "IP" if the lower of the two results is reported.

Herbicides

The WG1931123-2 LCS recovery, associated with L2430944-02, -06, and -08, is above the acceptance criteria for 2,4,5-tp (silvex) (164%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

Total Metals

L2430944-01 through -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 06/19/24

ORGANICS

VOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-01 D2
Client ID: TB-DOC1-060424-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 09:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/10/24 15:44
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	990	J	ug/kg	2100	980	5
1,1-Dichloroethane	ND		ug/kg	430	62.	5
Chloroform	ND		ug/kg	640	60.	5
Carbon tetrachloride	ND		ug/kg	430	98.	5
1,2-Dichloropropane	ND		ug/kg	430	54.	5
Dibromochloromethane	ND		ug/kg	430	60.	5
1,1,2-Trichloroethane	ND		ug/kg	430	110	5
Tetrachloroethene	1200		ug/kg	210	84.	5
Chlorobenzene	ND		ug/kg	210	54.	5
Trichlorofluoromethane	ND		ug/kg	1700	300	5
1,2-Dichloroethane	ND		ug/kg	430	110	5
1,1,1-Trichloroethane	ND		ug/kg	210	72.	5
Bromodichloromethane	ND		ug/kg	210	47.	5
trans-1,3-Dichloropropene	ND		ug/kg	430	120	5
cis-1,3-Dichloropropene	ND		ug/kg	210	68.	5
Bromoform	ND		ug/kg	1700	100	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	210	71.	5
Benzene	ND		ug/kg	210	71.	5
Toluene	ND		ug/kg	430	230	5
Ethylbenzene	ND		ug/kg	430	60.	5
Chloromethane	ND		ug/kg	1700	400	5
Bromomethane	ND		ug/kg	860	250	5
Vinyl chloride	ND		ug/kg	430	140	5
Chloroethane	ND		ug/kg	860	190	5
1,1-Dichloroethene	ND		ug/kg	430	100	5
trans-1,2-Dichloroethene	ND		ug/kg	640	59.	5
Trichloroethene	160000	E	ug/kg	210	59.	5
1,2-Dichlorobenzene	ND		ug/kg	860	62.	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-01 D2 Date Collected: 06/04/24 09:00

Client ID: TB-DOC1-060424-0900 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	860	63.	5
1,4-Dichlorobenzene	ND		ug/kg	860	73.	5
Methyl tert butyl ether	ND		ug/kg	860	86.	5
p/m-Xylene	ND		ug/kg	860	240	5
o-Xylene	ND		ug/kg	430	120	5
cis-1,2-Dichloroethene	ND		ug/kg	430	75.	5
Styrene	ND		ug/kg	430	84.	5
Dichlorodifluoromethane	ND		ug/kg	4300	390	5
Acetone	ND		ug/kg	4300	2100	5
Carbon disulfide	ND		ug/kg	4300	1900	5
2-Butanone	ND		ug/kg	4300	950	5
4-Methyl-2-pentanone	ND		ug/kg	4300	550	5
2-Hexanone	ND		ug/kg	4300	500	5
Bromochloromethane	ND		ug/kg	860	88.	5
1,2-Dibromoethane	ND		ug/kg	430	120	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	1300	430	5
Isopropylbenzene	ND		ug/kg	430	47.	5
1,2,3-Trichlorobenzene	ND		ug/kg	860	140	5
1,2,4-Trichlorobenzene	ND		ug/kg	860	120	5
Methyl Acetate	450	J	ug/kg	1700	410	5
Cyclohexane	ND		ug/kg	4300	230	5
1,4-Dioxane	ND		ug/kg	34000	15000	5
Freon-113	ND		ug/kg	1700	300	5
Methyl cyclohexane	1600	J	ug/kg	1700	260	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-01 D
Client ID: TB-DOC1-060424-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 09:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/08/24 00:25
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	170000		ug/kg	860	230	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	115		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02
Client ID: TB-DOC2-060424-1000
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 10:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/08/24 00:51
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	460	210	1
1,1-Dichloroethane	ND		ug/kg	91	13.	1
Chloroform	ND		ug/kg	140	13.	1
Carbon tetrachloride	ND		ug/kg	91	21.	1
1,2-Dichloropropane	ND		ug/kg	91	11.	1
Dibromochloromethane	ND		ug/kg	91	13.	1
1,1,2-Trichloroethane	ND		ug/kg	91	24.	1
Tetrachloroethene	210		ug/kg	46	18.	1
Chlorobenzene	ND		ug/kg	46	12.	1
Trichlorofluoromethane	ND		ug/kg	360	63.	1
1,2-Dichloroethane	ND		ug/kg	91	23.	1
1,1,1-Trichloroethane	ND		ug/kg	46	15.	1
Bromodichloromethane	ND		ug/kg	46	9.9	1
trans-1,3-Dichloropropene	ND		ug/kg	91	25.	1
cis-1,3-Dichloropropene	ND		ug/kg	46	14.	1
Bromoform	ND		ug/kg	360	22.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	46	15.	1
Benzene	17	J	ug/kg	46	15.	1
Toluene	52	J	ug/kg	91	49.	1
Ethylbenzene	ND		ug/kg	91	13.	1
Chloromethane	ND		ug/kg	360	85.	1
Bromomethane	ND		ug/kg	180	53.	1
Vinyl chloride	ND		ug/kg	91	30.	1
Chloroethane	ND		ug/kg	180	41.	1
1,1-Dichloroethene	ND		ug/kg	91	22.	1
trans-1,2-Dichloroethene	ND		ug/kg	140	12.	1
Trichloroethene	2600		ug/kg	46	12.	1
1,2-Dichlorobenzene	ND		ug/kg	180	13.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02 Date Collected: 06/04/24 10:00

Client ID: TB-DOC2-060424-1000 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	180	13.	1
1,4-Dichlorobenzene	ND		ug/kg	180	16.	1
Methyl tert butyl ether	ND		ug/kg	180	18.	1
p/m-Xylene	ND		ug/kg	180	51.	1
o-Xylene	ND		ug/kg	91	26.	1
cis-1,2-Dichloroethene	ND		ug/kg	91	16.	1
Styrene	ND		ug/kg	91	18.	1
Dichlorodifluoromethane	ND		ug/kg	910	83.	1
Acetone	ND		ug/kg	910	440	1
Carbon disulfide	ND		ug/kg	910	410	1
2-Butanone	ND		ug/kg	910	200	1
4-Methyl-2-pentanone	ND		ug/kg	910	120	1
2-Hexanone	ND		ug/kg	910	110	1
Bromochloromethane	ND		ug/kg	180	19.	1
1,2-Dibromoethane	ND		ug/kg	91	25.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	270	91.	1
Isopropylbenzene	ND		ug/kg	91	9.9	1
1,2,3-Trichlorobenzene	ND		ug/kg	180	29.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	25.	1
Methyl Acetate	300	J	ug/kg	360	86.	1
Cyclohexane	ND		ug/kg	910	50.	1
1,4-Dioxane	ND		ug/kg	7300	3200	1
Freon-113	ND		ug/kg	360	63.	1
Methyl cyclohexane	160	J	ug/kg	360	55.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	110		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02
Client ID: TB-DOC2-060424-1000
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 10:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/10/24 15:21
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	0.46	J	ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	8.6		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02 Date Collected: 06/04/24 10:00

Client ID: TB-DOC2-060424-1000 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	12		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Cyclohexane	ND		ug/kg	12	0.65	1
1,4-Dioxane	ND		ug/kg	96	42.	1
Freon-113	ND		ug/kg	4.8	0.83	1
Methyl cyclohexane	ND		ug/kg	4.8	0.72	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	102		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-03
Client ID: TB-DOC3-060424-1100
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 11:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/10/24 14:58
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.5	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.65	0.25	1
Chlorobenzene	ND		ug/kg	0.65	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.65	0.22	1
Bromodichloromethane	ND		ug/kg	0.65	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.65	0.20	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.65	0.22	1
Benzene	ND		ug/kg	0.65	0.22	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1
Trichloroethene	2.7		ug/kg	0.65	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-03 Date Collected: 06/04/24 11:00

Client ID: TB-DOC3-060424-1100 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.73	1
o-Xylene	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
Methyl Acetate	ND		ug/kg	5.2	1.2	1
Cyclohexane	0.90	J	ug/kg	13	0.70	1
1,4-Dioxane	ND		ug/kg	100	46.	1
Freon-113	ND		ug/kg	5.2	0.90	1
Methyl cyclohexane	2.3	J	ug/kg	5.2	0.78	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	128		70-130
4-Bromofluorobenzene	**132**	Q	70-130
Dibromofluoromethane	106		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-04
Client ID: TB-DOC4-060424-1120
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 11:20
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/08/24 02:58
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.88	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.88	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.88	0.11	1
Dibromochloromethane	ND		ug/kg	0.88	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	0.24	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.88	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.15	1
Benzene	ND		ug/kg	0.44	0.15	1
Toluene	ND		ug/kg	0.88	0.48	1
Ethylbenzene	ND		ug/kg	0.88	0.12	1
Chloromethane	ND		ug/kg	3.5	0.82	1
Bromomethane	ND		ug/kg	1.8	0.51	1
Vinyl chloride	ND		ug/kg	0.88	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.88	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	0.66		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-04 Date Collected: 06/04/24 11:20

Client ID: TB-DOC4-060424-1120 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.49	1
o-Xylene	ND		ug/kg	0.88	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.88	0.15	1
Styrene	ND		ug/kg	0.88	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.8	0.81	1
Acetone	ND		ug/kg	8.8	4.2	1
Carbon disulfide	ND		ug/kg	8.8	4.0	1
2-Butanone	ND		ug/kg	8.8	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	1.1	1
2-Hexanone	ND		ug/kg	8.8	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.88	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.88	1
Isopropylbenzene	ND		ug/kg	0.88	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
Methyl Acetate	ND		ug/kg	3.5	0.84	1
Cyclohexane	ND		ug/kg	8.8	0.48	1
1,4-Dioxane	ND		ug/kg	70	31.	1
Freon-113	ND		ug/kg	3.5	0.61	1
Methyl cyclohexane	ND		ug/kg	3.5	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	115		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-05
Client ID: TB-DOC5-060424-1240
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 12:40
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/10/24 14:35
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.6	3.5	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.3	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.76	0.30	1
Chlorobenzene	ND		ug/kg	0.76	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.1	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.39	1
1,1,1-Trichloroethane	ND		ug/kg	0.76	0.25	1
Bromodichloromethane	ND		ug/kg	0.76	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.76	0.24	1
Bromoform	ND		ug/kg	6.1	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.76	0.25	1
Benzene	1.2		ug/kg	0.76	0.25	1
Toluene	ND		ug/kg	1.5	0.82	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.1	1.4	1
Bromomethane	ND		ug/kg	3.0	0.88	1
Vinyl chloride	ND		ug/kg	1.5	0.51	1
Chloroethane	ND		ug/kg	3.0	0.69	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1
Trichloroethene	0.58	J	ug/kg	0.76	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-05 Date Collected: 06/04/24 12:40

Client ID: TB-DOC5-060424-1240 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.85	1
o-Xylene	ND		ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.3	1
Carbon disulfide	ND		ug/kg	15	6.9	1
2-Butanone	ND		ug/kg	15	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	1.5	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.49	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.41	1
Methyl Acetate	ND		ug/kg	6.1	1.4	1
Cyclohexane	ND		ug/kg	15	0.83	1
1,4-Dioxane	ND		ug/kg	120	53.	1
Freon-113	ND		ug/kg	6.1	1.0	1
Methyl cyclohexane	1.6	J	ug/kg	6.1	0.92	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	125		70-130
Dibromofluoromethane	102		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-06
Client ID: TB-DOC6-060424-1250
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 12:50
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/08/24 03:23
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-06 Date Collected: 06/04/24 12:50

Client ID: TB-DOC6-060424-1250 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	93	41.	1
Freon-113	ND		ug/kg	4.6	0.81	1
Methyl cyclohexane	ND		ug/kg	4.6	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	116		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-07
Client ID: TB-DOC7-060424-1320
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 13:20
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/10/24 14:12
Analyst: JIC
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	3.2		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	2.2		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	2.3		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-07 Date Collected: 06/04/24 13:20

Client ID: TB-DOC7-060424-1320 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.3	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	101		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-08
Client ID: 4444-060424-001
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 00:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/10/24 13:26
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	0.61	J	ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1
Trichloroethene	16		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-08 Date Collected: 06/04/24 00:00

Client ID: 4444-060424-001 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
Methyl Acetate	ND		ug/kg	5.3	1.2	1
Cyclohexane	ND		ug/kg	13	0.72	1
1,4-Dioxane	ND		ug/kg	100	46.	1
Freon-113	ND		ug/kg	5.3	0.92	1
Methyl cyclohexane	ND		ug/kg	5.3	0.80	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	100		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/07/24 20:12
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06 Batch: WG1932152-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/07/24 20:12
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06 Batch: WG1932152-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/07/24 20:12
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04,06 Batch: WG1932152-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/07/24 20:12
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1932153-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/07/24 20:12
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1932153-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/07/24 20:12
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1932153-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/24 08:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-03,05,07-08 Batch: WG1932629-5					
Methylene chloride	2.4	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/24 08:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-03,05,07-08 Batch: WG1932629-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/24 08:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-03,05,07-08 Batch: WG1932629-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	91		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/24 08:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1932630-5					
Methylene chloride	120	J	ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/24 08:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1932630-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/24 08:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1932630-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	91		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002

Lab Number: L2430944
Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06 Batch: WG1932152-3 WG1932152-4								
Methylene chloride	89		91		70-130	2		30
1,1-Dichloroethane	91		90		70-130	1		30
Chloroform	100		100		70-130	0		30
Carbon tetrachloride	112		109		70-130	3		30
1,2-Dichloropropane	92		92		70-130	0		30
Dibromochloromethane	99		99		70-130	0		30
1,1,2-Trichloroethane	97		97		70-130	0		30
Tetrachloroethene	94		93		70-130	1		30
Chlorobenzene	92		91		70-130	1		30
Trichlorofluoromethane	110		117		70-139	6		30
1,2-Dichloroethane	95		97		70-130	2		30
1,1,1-Trichloroethane	111		109		70-130	2		30
Bromodichloromethane	104		104		70-130	0		30
trans-1,3-Dichloropropene	106		106		70-130	0		30
cis-1,3-Dichloropropene	106		107		70-130	1		30
Bromoform	94		94		70-130	0		30
1,1,2,2-Tetrachloroethane	93		91		70-130	2		30
Benzene	100		99		70-130	1		30
Toluene	95		92		70-130	3		30
Ethylbenzene	98		96		70-130	2		30
Chloromethane	61		60		52-130	2		30
Bromomethane	69		67		57-147	3		30
Vinyl chloride	76		**56**	Q	67-130	30		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06 Batch: WG1932152-3 WG1932152-4								
Chloroethane	62		68		50-151	9		30
1,1-Dichloroethene	99		99		65-135	0		30
trans-1,2-Dichloroethene	93		94		70-130	1		30
Trichloroethene	102		104		70-130	2		30
1,2-Dichlorobenzene	91		90		70-130	1		30
1,3-Dichlorobenzene	89		88		70-130	1		30
1,4-Dichlorobenzene	90		88		70-130	2		30
Methyl tert butyl ether	98		101		66-130	3		30
p/m-Xylene	100		97		70-130	3		30
o-Xylene	95		94		70-130	1		30
cis-1,2-Dichloroethene	92		92		70-130	0		30
Styrene	99		98		70-130	1		30
Dichlorodifluoromethane	86		86		30-146	0		30
Acetone	85		88		54-140	3		30
Carbon disulfide	93		93		59-130	0		30
2-Butanone	85		87		70-130	2		30
4-Methyl-2-pentanone	81		84		70-130	4		30
2-Hexanone	85		88		70-130	3		30
Bromochloromethane	95		95		70-130	0		30
1,2-Dibromoethane	91		91		70-130	0		30
1,2-Dibromo-3-chloropropane	87		90		68-130	3		30
Isopropylbenzene	95		92		70-130	3		30
1,2,3-Trichlorobenzene	98		100		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04,06 Batch: WG1932152-3 WG1932152-4								
1,2,4-Trichlorobenzene	99		96		70-130	3		30
Methyl Acetate	88		88		51-146	0		30
Cyclohexane	95		94		59-142	1		30
1,4-Dioxane	94		99		65-136	5		30
Freon-113	112		108		50-139	4		30
Methyl cyclohexane	97		96		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		108		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002

Lab Number: L2430944
Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1932153-3 WG1932153-4								
Methylene chloride	89		91		70-130	2		30
1,1-Dichloroethane	91		90		70-130	1		30
Chloroform	100		100		70-130	0		30
Carbon tetrachloride	112		109		70-130	3		30
1,2-Dichloropropane	92		92		70-130	0		30
Dibromochloromethane	99		99		70-130	0		30
1,1,2-Trichloroethane	97		97		70-130	0		30
Tetrachloroethene	94		93		70-130	1		30
Chlorobenzene	92		91		70-130	1		30
Trichlorofluoromethane	110		117		70-139	6		30
1,2-Dichloroethane	95		97		70-130	2		30
1,1,1-Trichloroethane	111		109		70-130	2		30
Bromodichloromethane	104		104		70-130	0		30
trans-1,3-Dichloropropene	106		106		70-130	0		30
cis-1,3-Dichloropropene	106		107		70-130	1		30
Bromoform	94		94		70-130	0		30
1,1,2,2-Tetrachloroethane	93		91		70-130	2		30
Benzene	100		99		70-130	1		30
Toluene	95		92		70-130	3		30
Ethylbenzene	98		96		70-130	2		30
Chloromethane	61		60		52-130	2		30
Bromomethane	69		67		57-147	3		30
Vinyl chloride	76		**56**	Q	67-130	30		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1932153-3 WG1932153-4								
Chloroethane	62		68		50-151	9		30
1,1-Dichloroethene	99		99		65-135	0		30
trans-1,2-Dichloroethene	93		94		70-130	1		30
Trichloroethene	102		104		70-130	2		30
1,2-Dichlorobenzene	91		90		70-130	1		30
1,3-Dichlorobenzene	89		88		70-130	1		30
1,4-Dichlorobenzene	90		88		70-130	2		30
Methyl tert butyl ether	98		101		66-130	3		30
p/m-Xylene	100		97		70-130	3		30
o-Xylene	95		94		70-130	1		30
cis-1,2-Dichloroethene	92		92		70-130	0		30
Styrene	99		98		70-130	1		30
Dichlorodifluoromethane	86		86		30-146	0		30
Acetone	85		88		54-140	3		30
Carbon disulfide	93		93		59-130	0		30
2-Butanone	85		87		70-130	2		30
4-Methyl-2-pentanone	81		84		70-130	4		30
2-Hexanone	85		88		70-130	3		30
Bromochloromethane	95		95		70-130	0		30
1,2-Dibromoethane	91		91		70-130	0		30
1,2-Dibromo-3-chloropropane	87		90		68-130	3		30
Isopropylbenzene	95		92		70-130	3		30
1,2,3-Trichlorobenzene	98		100		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1932153-3 WG1932153-4								
1,2,4-Trichlorobenzene	99		96		70-130	3		30
Methyl Acetate	88		88		51-146	0		30
Cyclohexane	95		94		59-142	1		30
1,4-Dioxane	94		99		65-136	5		30
Freon-113	112		108		50-139	4		30
Methyl cyclohexane	97		96		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		108		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-03,05,07-08 Batch: WG1932629-3 WG1932629-4								
Methylene chloride	104		103		70-130	1		30
1,1-Dichloroethane	98		99		70-130	1		30
Chloroform	92		93		70-130	1		30
Carbon tetrachloride	101		93		70-130	8		30
1,2-Dichloropropane	103		106		70-130	3		30
Dibromochloromethane	102		102		70-130	0		30
1,1,2-Trichloroethane	100		102		70-130	2		30
Tetrachloroethene	93		93		70-130	0		30
Chlorobenzene	103		103		70-130	0		30
Trichlorofluoromethane	74		74		70-139	0		30
1,2-Dichloroethane	89		91		70-130	2		30
1,1,1-Trichloroethane	94		95		70-130	1		30
Bromodichloromethane	96		98		70-130	2		30
trans-1,3-Dichloropropene	106		107		70-130	1		30
cis-1,3-Dichloropropene	101		103		70-130	2		30
Bromoform	100		95		70-130	5		30
1,1,2,2-Tetrachloroethane	110		104		70-130	6		30
Benzene	103		104		70-130	1		30
Toluene	102		102		70-130	0		30
Ethylbenzene	100		100		70-130	0		30
Chloromethane	57		56		52-130	2		30
Bromomethane	73		73		57-147	0		30
Vinyl chloride	67		68		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002

Lab Number: L2430944
Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-03,05,07-08 Batch: WG1932629-3 WG1932629-4								
Chloroethane	71		70		50-151	1		30
1,1-Dichloroethene	110		95		65-135	15		30
trans-1,2-Dichloroethene	107		107		70-130	0		30
Trichloroethene	104		107		70-130	3		30
1,2-Dichlorobenzene	111		105		70-130	6		30
1,3-Dichlorobenzene	112		107		70-130	5		30
1,4-Dichlorobenzene	111		105		70-130	6		30
Methyl tert butyl ether	112		113		66-130	1		30
p/m-Xylene	106		106		70-130	0		30
o-Xylene	107		107		70-130	0		30
cis-1,2-Dichloroethene	102		103		70-130	1		30
Styrene	106		107		70-130	1		30
Dichlorodifluoromethane	56		57		30-146	2		30
Acetone	73		74		54-140	1		30
Carbon disulfide	101		83		59-130	20		30
2-Butanone	74		74		70-130	0		30
4-Methyl-2-pentanone	93		93		70-130	0		30
2-Hexanone	76		77		70-130	1		30
Bromochloromethane	108		108		70-130	0		30
1,2-Dibromoethane	108		110		70-130	2		30
1,2-Dibromo-3-chloropropane	107		102		68-130	5		30
Isopropylbenzene	121		116		70-130	4		30
1,2,3-Trichlorobenzene	105		99		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-03,05,07-08 Batch: WG1932629-3 WG1932629-4								
1,2,4-Trichlorobenzene	110		103		70-130	7		30
Methyl Acetate	80		81		51-146	1		30
Cyclohexane	100		102		59-142	2		30
1,4-Dioxane	105		106		65-136	1		30
Freon-113	105		92		50-139	13		30
Methyl cyclohexane	103		105		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		88		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	111		110		70-130
Dibromofluoromethane	91		90		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1932630-3 WG1932630-4								
Methylene chloride	104		103		70-130	1		30
1,1-Dichloroethane	98		99		70-130	1		30
Chloroform	92		93		70-130	1		30
Carbon tetrachloride	101		93		70-130	8		30
1,2-Dichloropropane	103		106		70-130	3		30
Dibromochloromethane	102		102		70-130	0		30
1,1,2-Trichloroethane	100		102		70-130	2		30
Tetrachloroethene	93		93		70-130	0		30
Chlorobenzene	103		103		70-130	0		30
Trichlorofluoromethane	74		74		70-139	0		30
1,2-Dichloroethane	89		91		70-130	2		30
1,1,1-Trichloroethane	94		95		70-130	1		30
Bromodichloromethane	96		98		70-130	2		30
trans-1,3-Dichloropropene	106		107		70-130	1		30
cis-1,3-Dichloropropene	101		103		70-130	2		30
Bromoform	100		95		70-130	5		30
1,1,2,2-Tetrachloroethane	110		104		70-130	6		30
Benzene	103		104		70-130	1		30
Toluene	102		102		70-130	0		30
Ethylbenzene	100		100		70-130	0		30
Chloromethane	57		56		52-130	2		30
Bromomethane	73		73		57-147	0		30
Vinyl chloride	67		68		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002

Lab Number: L2430944
Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1932630-3 WG1932630-4								
Chloroethane	71		70		50-151	1		30
1,1-Dichloroethene	110		95		65-135	15		30
trans-1,2-Dichloroethene	107		107		70-130	0		30
Trichloroethene	104		107		70-130	3		30
1,2-Dichlorobenzene	111		105		70-130	6		30
1,3-Dichlorobenzene	112		107		70-130	5		30
1,4-Dichlorobenzene	111		105		70-130	6		30
Methyl tert butyl ether	112		113		66-130	1		30
p/m-Xylene	106		106		70-130	0		30
o-Xylene	107		107		70-130	0		30
cis-1,2-Dichloroethene	102		103		70-130	1		30
Styrene	106		107		70-130	1		30
Dichlorodifluoromethane	56		57		30-146	2		30
Acetone	73		74		54-140	1		30
Carbon disulfide	101		83		59-130	20		30
2-Butanone	74		74		70-130	0		30
4-Methyl-2-pentanone	93		93		70-130	0		30
2-Hexanone	76		77		70-130	1		30
Bromochloromethane	108		108		70-130	0		30
1,2-Dibromoethane	108		110		70-130	2		30
1,2-Dibromo-3-chloropropane	107		102		68-130	5		30
Isopropylbenzene	121		116		70-130	4		30
1,2,3-Trichlorobenzene	105		99		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002

Lab Number: L2430944
Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1932630-3 WG1932630-4								
1,2,4-Trichlorobenzene	110		103		70-130	7		30
Methyl Acetate	80		81		51-146	1		30
Cyclohexane	100		102		59-142	2		30
1,4-Dioxane	105		106		65-136	1		30
Freon-113	105		92		50-139	13		30
Methyl cyclohexane	103		105		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		88		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	111		110		70-130
Dibromofluoromethane	91		90		70-130

SEMIVOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-01
Client ID: TB-DOC1-060424-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 09:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 09:52
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/10/24 18:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	68	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	3500		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	390		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	1600		ug/kg	190	66.	1
Butyl benzyl phthalate	8600	E	ug/kg	190	48.	1
Di-n-butylphthalate	50	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	3700		ug/kg	110	21.	1
Benzo(a)pyrene	4500		ug/kg	150	46.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-01 Date Collected: 06/04/24 09:00

Client ID: TB-DOC1-060424-0900 Date Received: 06/04/24

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						
Benzo(b)fluoranthene	6400		ug/kg	110	32.	1
Benzo(k)fluoranthene	1800		ug/kg	110	30.	1
Chrysene	3200		ug/kg	110	20.	1
Acenaphthylene	2500		ug/kg	150	29.	1
Anthracene	1400		ug/kg	110	37.	1
Benzo(ghi)perylene	2800		ug/kg	150	22.	1
Fluorene	150	J	ug/kg	190	18.	1
Phenanthrene	1100		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	760		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	2900		ug/kg	150	26.	1
Pyrene	3800		ug/kg	110	19.	1
Biphenyl	57	J	ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	130	J	ug/kg	190	18.	1
2-Methylnaphthalene	260		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	180	J	ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	81	J	ug/kg	190	29.	1
2-Methylphenol	36	J	ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	140	J	ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	210		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	110	J	ug/kg	250	51.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-01 Date Collected: 06/04/24 09:00

Client ID: TB-DOC1-060424-0900 Date Received: 06/04/24

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						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	87		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2430944
Project Number: 200336-002
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-01 D
Client ID: TB-DOC1-060424-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 09:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 11:24
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/10/24 18:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Butyl benzyl phthalate	9200		ug/kg	950	240	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02
Client ID: TB-DOC2-060424-1000
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 10:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/08/24 19:55
Analyst: DV
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/07/24 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	1200		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	250		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	42	J	ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	440		ug/kg	200	68.	1
Butyl benzyl phthalate	1600		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	640		ug/kg	120	22.	1
Benzo(a)pyrene	620		ug/kg	160	48.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02 Date Collected: 06/04/24 10:00

Client ID: TB-DOC2-060424-1000 Date Received: 06/04/24

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						
Benzo(b)fluoranthene	810		ug/kg	120	33.	1
Benzo(k)fluoranthene	240		ug/kg	120	31.	1
Chrysene	660		ug/kg	120	20.	1
Acenaphthylene	140	J	ug/kg	160	30.	1
Anthracene	300		ug/kg	120	38.	1
Benzo(ghi)perylene	530		ug/kg	160	23.	1
Fluorene	150	J	ug/kg	200	19.	1
Phenanthrene	960		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	120		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	450		ug/kg	160	27.	1
Pyrene	1100		ug/kg	120	19.	1
Biphenyl	40	J	ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	120	J	ug/kg	200	18.	1
2-Methylnaphthalene	200	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	29	J	ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	110	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	89	J	ug/kg	260	53.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02 Date Collected: 06/04/24 10:00

Client ID: TB-DOC2-060424-1000 Date Received: 06/04/24

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						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	102		10-120
Nitrobenzene-d5	113		23-120
2-Fluorobiphenyl	114		30-120
2,4,6-Tribromophenol	116		10-136
4-Terphenyl-d14	**123**	Q	18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02
Client ID: TB-DOC2-060424-1000
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 10:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/19/24 12:09
Analyst: LMV
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 06/18/24 12:00
Cleanup Method: EPA 1633
Cleanup Date: 06/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.050	1
Perfluoropentanoic Acid (PFPeA)	0.145	J	ng/g	0.399	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.081	1
Perfluorohexanoic Acid (PFHxA)	0.105	J	ng/g	0.199	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.057	J	ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	0.145	J	ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.279	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.037	1
Perfluorononanoic Acid (PFNA)	0.082	J	ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.672		ng/g	0.199	0.079	1
Perfluorodecanoic Acid (PFDA)	0.130	J	ng/g	0.199	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.386	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.082	1
Perfluorododecanoic Acid (PFDoA)	0.042	J	ng/g	0.199	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.146	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.038	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02 Date Collected: 06/04/24 10:00

Client ID: TB-DOC2-060424-1000 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.195	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.167	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.100	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.112	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.509	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.399	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.399	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.399	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.399	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.997	0.144	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.503	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	1.75	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02 Date Collected: 06/04/24 10:00

Client ID: TB-DOC2-060424-1000 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	79		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	79		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**152**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	76		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	77		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**160**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	87		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	78		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	60		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	70		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	53		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	56		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	61		20-150

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-03
Client ID: TB-DOC3-060424-1100
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 11:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/08/24 20:19
Analyst: DV
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/07/24 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	45	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	1300		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	210		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	62	J	ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	380		ug/kg	190	66.	1
Butyl benzyl phthalate	990		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	880		ug/kg	110	22.	1
Benzo(a)pyrene	960		ug/kg	150	47.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-03 Date Collected: 06/04/24 11:00

Client ID: TB-DOC3-060424-1100 Date Received: 06/04/24

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						
Benzo(b)fluoranthene	1500		ug/kg	110	32.	1
Benzo(k)fluoranthene	430		ug/kg	110	31.	1
Chrysene	900		ug/kg	110	20.	1
Acenaphthylene	160		ug/kg	150	30.	1
Anthracene	220		ug/kg	110	37.	1
Benzo(ghi)perylene	770		ug/kg	150	22.	1
Fluorene	82	J	ug/kg	190	19.	1
Phenanthrene	820		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	190		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	680		ug/kg	150	27.	1
Pyrene	1200		ug/kg	110	19.	1
Biphenyl	63	J	ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	120	J	ug/kg	190	18.	1
2-Methylnaphthalene	330		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	48	J	ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	85	J	ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	150	J	ug/kg	250	52.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-03 Date Collected: 06/04/24 11:00

Client ID: TB-DOC3-060424-1100 Date Received: 06/04/24

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						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	96		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-04
Client ID: TB-DOC4-060424-1120
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 11:20
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 09:06
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/10/24 17:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	21	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	970		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	92	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	72	J	ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	450		ug/kg	110	21.	1
Benzo(a)pyrene	490		ug/kg	150	45.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-04 Date Collected: 06/04/24 11:20

Client ID: TB-DOC4-060424-1120 Date Received: 06/04/24

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						
Benzo(b)fluoranthene	720		ug/kg	110	31.	1
Benzo(k)fluoranthene	190		ug/kg	110	29.	1
Chrysene	490		ug/kg	110	19.	1
Acenaphthylene	110	J	ug/kg	150	28.	1
Anthracene	120		ug/kg	110	36.	1
Benzo(ghi)perylene	360		ug/kg	150	22.	1
Fluorene	26	J	ug/kg	180	18.	1
Phenanthrene	340		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	81	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	340		ug/kg	150	26.	1
Pyrene	880		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	36	J	ug/kg	180	17.	1
2-Methylnaphthalene	57	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	64	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-04 Date Collected: 06/04/24 11:20

Client ID: TB-DOC4-060424-1120 Date Received: 06/04/24

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						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	74		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-05
Client ID: TB-DOC5-060424-1240
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 12:40
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 10:15
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/10/24 17:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	480		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	6500		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	170	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	410		ug/kg	180	62.	1
Butyl benzyl phthalate	490		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	3300		ug/kg	110	20.	1
Benzo(a)pyrene	2800		ug/kg	140	44.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-05 Date Collected: 06/04/24 12:40

Client ID: TB-DOC5-060424-1240 Date Received: 06/04/24

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						
Benzo(b)fluoranthene	3800		ug/kg	110	30.	1
Benzo(k)fluoranthene	1300		ug/kg	110	29.	1
Chrysene	3300		ug/kg	110	19.	1
Acenaphthylene	160		ug/kg	140	28.	1
Anthracene	1100		ug/kg	110	35.	1
Benzo(ghi)perylene	1900		ug/kg	140	21.	1
Fluorene	370		ug/kg	180	17.	1
Phenanthrene	4200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	480		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1800		ug/kg	140	25.	1
Pyrene	5600		ug/kg	110	18.	1
Biphenyl	36	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	230		ug/kg	180	17.	1
2-Methylnaphthalene	180	J	ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	23	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	610		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	66	J	ug/kg	240	48.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-05 Date Collected: 06/04/24 12:40

Client ID: TB-DOC5-060424-1240 Date Received: 06/04/24

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						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	67		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-06
Client ID: TB-DOC6-060424-1250
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 12:50
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/08/24 21:30
Analyst: DV
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/07/24 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1500		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	12000	E	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	1200		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	190		ug/kg	190	66.	1
Butyl benzyl phthalate	1200		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	5900		ug/kg	120	22.	1
Benzo(a)pyrene	4600		ug/kg	150	47.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-06 Date Collected: 06/04/24 12:50

Client ID: TB-DOC6-060424-1250 Date Received: 06/04/24

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						
Benzo(b)fluoranthene	6000		ug/kg	120	32.	1
Benzo(k)fluoranthene	1600		ug/kg	120	31.	1
Chrysene	4900		ug/kg	120	20.	1
Acenaphthylene	260		ug/kg	150	30.	1
Anthracene	2700		ug/kg	120	37.	1
Benzo(ghi)perylene	3200		ug/kg	150	22.	1
Fluorene	1500		ug/kg	190	19.	1
Phenanthrene	9900	E	ug/kg	120	23.	1
Dibenzo(a,h)anthracene	780		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	3100		ug/kg	150	27.	1
Pyrene	9100	E	ug/kg	120	19.	1
Biphenyl	140	J	ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	1000		ug/kg	190	18.	1
2-Methylnaphthalene	700		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	27	J	ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	33	J	ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	1300		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	76	J	ug/kg	250	52.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-06 Date Collected: 06/04/24 12:50

Client ID: TB-DOC6-060424-1250 Date Received: 06/04/24

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						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	109		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	104		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-06
Client ID: TB-DOC6-060424-1250
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 12:50
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/19/24 12:22
Analyst: LMV
Percent Solids: 85%

Extraction Method: EPA 1633
Extraction Date: 06/18/24 12:00
Cleanup Method: EPA 1633
Cleanup Date: 06/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.794	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.794	0.080	1
Perfluorohexanoic Acid (PFHxA)	0.072	J	ng/g	0.198	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.026	J	ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.059	1
Perfluorooctanoic Acid (PFOA)	0.129	J	ng/g	0.198	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.794	0.278	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.037	1
Perfluorononanoic Acid (PFNA)	0.094	J	ng/g	0.198	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.985		ng/g	0.198	0.079	1
Perfluorodecanoic Acid (PFDA)	0.325		ng/g	0.198	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.794	0.384	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.099	1
Perfluoroundecanoic Acid (PFUnA)	0.095	J	ng/g	0.198	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.082	1
Perfluorododecanoic Acid (PFDoA)	0.110	J	ng/g	0.198	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.794	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.794	0.145	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.038	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-06 Date Collected: 06/04/24 12:50

Client ID: TB-DOC6-060424-1250 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.794	0.194	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.794	0.166	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.111	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.249	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.507	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.397	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.993	0.143	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.501	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	1.75	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-06 Date Collected: 06/04/24 12:50

Client ID: TB-DOC6-060424-1250 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**165**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**166**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	98		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	92		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	66		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	67		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	65		20-150

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-06 D
Client ID: TB-DOC6-060424-1250
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 12:50
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/09/24 21:51
Analyst: DV
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/07/24 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	14000		ug/kg	580	110	5
Phenanthrene	11000		ug/kg	580	120	5
Pyrene	11000		ug/kg	580	95.	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-07
Client ID: TB-DOC7-060424-1320
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 13:20
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 10:38
Analyst: IM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 06/10/24 17:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2600		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	24000	E	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	480		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	44	J	ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	19000	E	ug/kg	100	19.	1
Benzo(a)pyrene	14000	E	ug/kg	140	42.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-07 Date Collected: 06/04/24 13:20

Client ID: TB-DOC7-060424-1320 Date Received: 06/04/24

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						
Benzo(b)fluoranthene	22000	E	ug/kg	100	29.	1
Benzo(k)fluoranthene	2800		ug/kg	100	27.	1
Chrysene	13000	E	ug/kg	100	18.	1
Acenaphthylene	390		ug/kg	140	26.	1
Anthracene	5700		ug/kg	100	33.	1
Benzo(ghi)perylene	9900	E	ug/kg	140	20.	1
Fluorene	1900		ug/kg	170	16.	1
Phenanthrene	18000	E	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	1500		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	9600	E	ug/kg	140	24.	1
Pyrene	20000	E	ug/kg	100	17.	1
Biphenyl	89	J	ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	1200		ug/kg	170	16.	1
2-Methylnaphthalene	390		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	22	J	ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	820	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	29	J	ug/kg	240	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	3400		ug/kg	170	16.	1
Atrazine	ND		ug/kg	140	60.	1
Benzaldehyde	57	J	ug/kg	220	46.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-07 Date Collected: 06/04/24 13:20

Client ID: TB-DOC7-060424-1320 Date Received: 06/04/24

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						
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	59		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-07 D
Client ID: TB-DOC7-060424-1320
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 13:20
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 11:47
Analyst: IM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 06/10/24 17:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	45000		ug/kg	1000	200	10
Benzo(a)anthracene	21000		ug/kg	1000	190	10
Benzo(a)pyrene	17000		ug/kg	1400	420	10
Benzo(b)fluoranthene	21000		ug/kg	1000	290	10
Chrysene	20000		ug/kg	1000	180	10
Benzo(ghi)perylene	11000		ug/kg	1400	200	10
Phenanthrene	28000		ug/kg	1000	210	10
Indeno(1,2,3-cd)pyrene	10000		ug/kg	1400	240	10
Pyrene	38000		ug/kg	1000	170	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-08
Client ID: 4444-060424-001
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 00:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/08/24 22:18
Analyst: DV
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/07/24 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	410		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	92	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	26	J	ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	440		ug/kg	190	66.	1
Butyl benzyl phthalate	910		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	270		ug/kg	120	22.	1
Benzo(a)pyrene	320		ug/kg	150	47.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-08 Date Collected: 06/04/24 00:00

Client ID: 4444-060424-001 Date Received: 06/04/24

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						
Benzo(b)fluoranthene	450		ug/kg	120	32.	1
Benzo(k)fluoranthene	100	J	ug/kg	120	31.	1
Chrysene	310		ug/kg	120	20.	1
Acenaphthylene	100	J	ug/kg	150	30.	1
Anthracene	81	J	ug/kg	120	37.	1
Benzo(ghi)perylene	300		ug/kg	150	23.	1
Fluorene	29	J	ug/kg	190	19.	1
Phenanthrene	280		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	68	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	250		ug/kg	150	27.	1
Pyrene	400		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	33	J	ug/kg	190	18.	1
2-Methylnaphthalene	99	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	26	J	ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	27	J	ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	83	J	ug/kg	250	52.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-08 Date Collected: 06/04/24 00:00

Client ID: 4444-060424-001 Date Received: 06/04/24

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						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	51		10-136
4-Terphenyl-d14	46		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-08
Client ID: 4444-060424-001
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 00:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/19/24 12:35
Analyst: LMV
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 06/18/24 12:00
Cleanup Method: EPA 1633
Cleanup Date: 06/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.786	0.050	1
Perfluoropentanoic Acid (PFPeA)	0.131	J	ng/g	0.393	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.196	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.786	0.079	1
Perfluorohexanoic Acid (PFHxA)	0.091	J	ng/g	0.196	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.196	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.048	J	ng/g	0.196	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.196	0.058	1
Perfluorooctanoic Acid (PFOA)	0.139	J	ng/g	0.196	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.786	0.275	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.196	0.036	1
Perfluorononanoic Acid (PFNA)	0.089	J	ng/g	0.196	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	0.749		ng/g	0.196	0.078	1
Perfluorodecanoic Acid (PFDA)	0.127	J	ng/g	0.196	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.786	0.380	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.196	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.196	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.196	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.196	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.196	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.196	0.081	1
Perfluorododecanoic Acid (PFDoA)	0.044	J	ng/g	0.196	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.196	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.196	0.104	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.786	0.097	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.786	0.144	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.196	0.038	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-08 Date Collected: 06/04/24 00:00

Client ID: 4444-060424-001 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.786	0.193	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.786	0.164	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.196	0.098	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.196	0.110	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.96	0.246	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.96	0.502	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.393	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.393	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.393	0.082	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.393	0.094	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.983	0.142	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.91	0.496	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.91	1.73	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-08 Date Collected: 06/04/24 00:00

Client ID: 4444-060424-001 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	82		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	138		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	76		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	79		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	79		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	73		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	70		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	138		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	84		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	88		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	57		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	53		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	60		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	58		20-150

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/08/24 12:57
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 06/07/24 07:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,06,08 Batch: WG1931037-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/08/24 12:57
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 06/07/24 07:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,06,08 Batch: WG1931037-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/08/24 12:57
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 06/07/24 07:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,06,08 Batch: WG1931037-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	75		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/11/24 04:07
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/10/24 17:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-05,07 Batch: WG1932286-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/11/24 04:07
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/10/24 17:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-05,07 Batch: WG1932286-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/11/24 04:07
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/10/24 17:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-05,07 Batch: WG1932286-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	96		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/19/24 11:18
Analyst: LMV

Extraction Method: EPA 1633
Extraction Date: 06/18/24 12:00
Cleanup Method: EPA 1633
Cleanup Date: 06/19/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02,06,08 Batch: WG1935798-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/19/24 11:18
Analyst: LMV

Extraction Method: EPA 1633
Extraction Date: 06/18/24 12:00
Cleanup Method: EPA 1633
Cleanup Date: 06/19/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02,06,08 Batch: WG1935798-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/19/24 11:18
Analyst: LMV

Extraction Method: EPA 1633
Extraction Date: 06/18/24 12:00
Cleanup Method: EPA 1633
Cleanup Date: 06/19/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02,06,08 Batch: WG1935798-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	96		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	101		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**164**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	92		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	94		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	100		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	90		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	96		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**155**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	73		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	79		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	71		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	39		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	51		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	47		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	63		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	60		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,06,08 Batch: WG1931037-2 WG1931037-3								
Acenaphthene	72		94		31-137	27		50
Hexachlorobenzene	69		92		40-140	29		50
Bis(2-chloroethyl)ether	64		81		40-140	23		50
2-Chloronaphthalene	64		85		40-140	28		50
3,3'-Dichlorobenzidine	70		93		40-140	28		50
2,4-Dinitrotoluene	70		94		40-132	29		50
2,6-Dinitrotoluene	62		84		40-140	30		50
Fluoranthene	72		96		40-140	29		50
4-Chlorophenyl phenyl ether	71		95		40-140	29		50
4-Bromophenyl phenyl ether	71		92		40-140	26		50
Bis(2-chloroisopropyl)ether	63		80		40-140	24		50
Bis(2-chloroethoxy)methane	62		81		40-117	27		50
Hexachlorobutadiene	78		98		40-140	23		50
Hexachlorocyclopentadiene	82		108		40-140	27		50
Hexachloroethane	67		85		40-140	24		50
Isophorone	59		77		40-140	26		50
Naphthalene	70		90		40-140	25		50
Nitrobenzene	62		80		40-140	25		50
NDPA/DPA	69		91		36-157	28		50
n-Nitrosodi-n-propylamine	64		82		32-121	25		50
Bis(2-ethylhexyl)phthalate	74		99		40-140	29		50
Butyl benzyl phthalate	70		96		40-140	31		50
Di-n-butylphthalate	73		98		40-140	29		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002

Lab Number: L2430944
Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,06,08 Batch: WG1931037-2 WG1931037-3								
Di-n-octylphthalate	75		100		40-140	29		50
Diethyl phthalate	68		90		40-140	28		50
Dimethyl phthalate	60		82		40-140	31		50
Benzo(a)anthracene	73		96		40-140	27		50
Benzo(a)pyrene	76		102		40-140	29		50
Benzo(b)fluoranthene	73		96		40-140	27		50
Benzo(k)fluoranthene	76		100		40-140	27		50
Chrysene	75		96		40-140	25		50
Acenaphthylene	64		85		40-140	28		50
Anthracene	78		101		40-140	26		50
Benzo(ghi)perylene	78		107		40-140	31		50
Fluorene	69		92		40-140	29		50
Phenanthrene	74		97		40-140	27		50
Dibenzo(a,h)anthracene	77		106		40-140	32		50
Indeno(1,2,3-cd)pyrene	77		107		40-140	33		50
Pyrene	70		94		35-142	29		50
Biphenyl	60		79		37-127	27		50
4-Chloroaniline	47		56		40-140	17		50
2-Nitroaniline	62		83		47-134	29		50
3-Nitroaniline	56		75		26-129	29		50
4-Nitroaniline	64		87		41-125	30		50
Dibenzofuran	71		94		40-140	28		50
2-Methylnaphthalene	71		92		40-140	26		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,06,08 Batch: WG1931037-2 WG1931037-3								
1,2,4,5-Tetrachlorobenzene	64		83		40-117	26		50
Acetophenone	62		81		14-144	27		50
2,4,6-Trichlorophenol	65		90		30-130	32		50
p-Chloro-m-cresol	66		88		26-103	29		50
2-Chlorophenol	68		87		25-102	25		50
2,4-Dichlorophenol	62		82		30-130	28		50
2,4-Dimethylphenol	60		79		30-130	27		50
2-Nitrophenol	67		88		30-130	27		50
4-Nitrophenol	61		82		11-114	29		50
2,4-Dinitrophenol	61		75		4-130	21		50
4,6-Dinitro-o-cresol	70		91		10-130	26		50
Pentachlorophenol	65		90		17-109	32		50
Phenol	66		85		26-90	25		50
2-Methylphenol	64		83		30-130.	26		50
3-Methylphenol/4-Methylphenol	62		81		30-130	27		50
2,4,5-Trichlorophenol	64		81		30-130	23		50
Carbazole	74		98		54-128	28		50
Atrazine	60		83		40-140	32		50
Benzaldehyde	59		74		40-140	23		50
Caprolactam	54		72		15-130	29		50
2,3,4,6-Tetrachlorophenol	71		96		40-140	30		50
1,4-Dioxane	55		68		40-140	21		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,06,08 Batch: WG1931037-2 WG1931037-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		98		25-120
Phenol-d6	69		88		10-120
Nitrobenzene-d5	64		81		23-120
2-Fluorobiphenyl	67		87		30-120
2,4,6-Tribromophenol	78		103		10-136
4-Terphenyl-d14	73		96		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07 Batch: WG1932286-2 WG1932286-3								
Acenaphthene	74		73		31-137	1		50
Hexachlorobenzene	76		75		40-140	1		50
Bis(2-chloroethyl)ether	67		68		40-140	1		50
2-Chloronaphthalene	79		80		40-140	1		50
3,3'-Dichlorobenzidine	62		68		40-140	9		50
2,4-Dinitrotoluene	84		86		40-132	2		50
2,6-Dinitrotoluene	88		88		40-140	0		50
Fluoranthene	84		84		40-140	0		50
4-Chlorophenyl phenyl ether	85		84		40-140	1		50
4-Bromophenyl phenyl ether	80		82		40-140	2		50
Bis(2-chloroisopropyl)ether	69		68		40-140	1		50
Bis(2-chloroethoxy)methane	69		67		40-117	3		50
Hexachlorobutadiene	83		84		40-140	1		50
Hexachlorocyclopentadiene	75		75		40-140	0		50
Hexachloroethane	67		66		40-140	2		50
Isophorone	71		69		40-140	3		50
Naphthalene	71		74		40-140	4		50
Nitrobenzene	74		75		40-140	1		50
NDPA/DPA	78		78		36-157	0		50
n-Nitrosodi-n-propylamine	72		72		32-121	0		50
Bis(2-ethylhexyl)phthalate	68		69		40-140	1		50
Butyl benzyl phthalate	73		75		40-140	3		50
Di-n-butylphthalate	75		76		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002

Lab Number: L2430944
Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07 Batch: WG1932286-2 WG1932286-3								
Di-n-octylphthalate	66		66		40-140	0		50
Diethyl phthalate	74		75		40-140	1		50
Dimethyl phthalate	81		82		40-140	1		50
Benzo(a)anthracene	75		75		40-140	0		50
Benzo(a)pyrene	74		75		40-140	1		50
Benzo(b)fluoranthene	72		72		40-140	0		50
Benzo(k)fluoranthene	77		77		40-140	0		50
Chrysene	76		77		40-140	1		50
Acenaphthylene	81		81		40-140	0		50
Anthracene	80		80		40-140	0		50
Benzo(ghi)perylene	73		75		40-140	3		50
Fluorene	75		76		40-140	1		50
Phenanthrene	77		76		40-140	1		50
Dibenzo(a,h)anthracene	76		77		40-140	1		50
Indeno(1,2,3-cd)pyrene	73		74		40-140	1		50
Pyrene	83		83		35-142	0		50
Biphenyl	71		72		37-127	1		50
4-Chloroaniline	69		75		40-140	8		50
2-Nitroaniline	80		83		47-134	4		50
3-Nitroaniline	60		68		26-129	13		50
4-Nitroaniline	72		74		41-125	3		50
Dibenzofuran	76		78		40-140	3		50
2-Methylnaphthalene	76		79		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07 Batch: WG1932286-2 WG1932286-3								
1,2,4,5-Tetrachlorobenzene	78		78		40-117	0		50
Acetophenone	64		63		14-144	2		50
2,4,6-Trichlorophenol	87		90		30-130	3		50
p-Chloro-m-cresol	78		81		26-103	4		50
2-Chlorophenol	72		71		25-102	1		50
2,4-Dichlorophenol	80		79		30-130	1		50
2,4-Dimethylphenol	69		68		30-130	1		50
2-Nitrophenol	79		80		30-130	1		50
4-Nitrophenol	75		74		11-114	1		50
2,4-Dinitrophenol	76		78		4-130	3		50
4,6-Dinitro-o-cresol	90		94		10-130	4		50
Pentachlorophenol	70		70		17-109	0		50
Phenol	71		71		26-90	0		50
2-Methylphenol	74		72		30-130.	3		50
3-Methylphenol/4-Methylphenol	74		72		30-130	3		50
2,4,5-Trichlorophenol	90		93		30-130	3		50
Carbazole	76		76		54-128	0		50
Atrazine	78		80		40-140	3		50
Benzaldehyde	57		58		40-140	2		50
Caprolactam	72		71		15-130	1		50
2,3,4,6-Tetrachlorophenol	85		87		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07 Batch: WG1932286-2 WG1932286-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		74		25-120
Phenol-d6	74		73		10-120
Nitrobenzene-d5	77		76		23-120
2-Fluorobiphenyl	84		84		30-120
2,4,6-Tribromophenol	76		76		10-136
4-Terphenyl-d14	88		85		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,06,08 Batch: WG1935798-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	112		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	110		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	112		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	118		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	118		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	121		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	112		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	118		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	112		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	116		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	108		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	104		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	137		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	116		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	115		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	105		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	113		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	98		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	85		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	116		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	132		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	116		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,06,08 Batch: WG1935798-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	90		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	104		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	110		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	119		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	50		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	128		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	88		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	115		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	118		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	126		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	124		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	125		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	104		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	110		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	132		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	112		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	103		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	88		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,06,08 Batch: WG1935798-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**172**	Q			20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	93				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	129				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	74				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	56				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	33				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	77				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	48				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	43				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	60				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	56				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,06,08 Batch: WG1935798-3								
Perfluorobutanoic Acid (PFBA)	102		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	100		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	93		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	105		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	103		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	109		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	100		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	101		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	94		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	112		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	96		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	102		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	98		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	98		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	101		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	95		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	94		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	83		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	100		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	97		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	102		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,06,08 Batch: WG1935798-3								
Perfluorotridecanoic Acid (PFTrDA)	81		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	95		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	98		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	108		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	49		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	117		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	91		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	114		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	96		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	114		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	111		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	116		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	97		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	97		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	116		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	102		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	94		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	83		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02,06,08 Batch: WG1935798-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**156**	Q			20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	105				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	97				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**169**	Q			20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	95				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	85				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	45				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	50				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	51				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	67				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	63				20-150

PCBS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02
Client ID: TB-DOC2-060424-1000
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 10:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/08/24 10:18
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/07/24 18:07
Cleanup Method: EPA 3665A
Cleanup Date: 06/08/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.1	5.07	1	A
Aroclor 1221	ND		ug/kg	57.1	5.72	1	A
Aroclor 1232	ND		ug/kg	57.1	12.1	1	A
Aroclor 1242	ND		ug/kg	57.1	7.70	1	A
Aroclor 1248	ND		ug/kg	57.1	8.57	1	A
Aroclor 1254	33.2	J	ug/kg	57.1	6.25	1	A
Aroclor 1260	20.9	J	ug/kg	57.1	10.6	1	B
Aroclor 1262	ND		ug/kg	57.1	7.25	1	A
Aroclor 1268	ND		ug/kg	57.1	5.92	1	A
PCBs, Total	54.1	J	ug/kg	57.1	5.07	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-06
Client ID: TB-DOC6-060424-1250
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 12:50
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/08/24 10:26
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/07/24 18:07
Cleanup Method: EPA 3665A
Cleanup Date: 06/08/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.0	5.06	1	A
Aroclor 1221	ND		ug/kg	57.0	5.71	1	A
Aroclor 1232	ND		ug/kg	57.0	12.1	1	A
Aroclor 1242	ND		ug/kg	57.0	7.68	1	A
Aroclor 1248	ND		ug/kg	57.0	8.55	1	A
Aroclor 1254	ND		ug/kg	57.0	6.24	1	A
Aroclor 1260	41.4	J	ug/kg	57.0	10.5	1	B
Aroclor 1262	ND		ug/kg	57.0	7.24	1	A
Aroclor 1268	ND		ug/kg	57.0	5.90	1	A
PCBs, Total	41.4	J	ug/kg	57.0	5.06	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-08
Client ID: 4444-060424-001
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 00:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/08/24 10:34
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/07/24 18:07
Cleanup Method: EPA 3665A
Cleanup Date: 06/08/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.0	4.97	1	A
Aroclor 1221	ND		ug/kg	56.0	5.61	1	A
Aroclor 1232	ND		ug/kg	56.0	11.9	1	A
Aroclor 1242	ND		ug/kg	56.0	7.55	1	A
Aroclor 1248	ND		ug/kg	56.0	8.40	1	A
Aroclor 1254	14.5	J	ug/kg	56.0	6.12	1	A
Aroclor 1260	13.6	J	ug/kg	56.0	10.3	1	B
Aroclor 1262	ND		ug/kg	56.0	7.11	1	A
Aroclor 1268	ND		ug/kg	56.0	5.80	1	B
PCBs, Total	28.1	J	ug/kg	56.0	4.97	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/07/24 20:30
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 06/07/24 07:04
Cleanup Method: EPA 3665A
Cleanup Date: 06/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02,06,08 Batch: WG1931000-1						
Aroclor 1016	ND		ug/kg	49.6	4.40	A
Aroclor 1221	ND		ug/kg	49.6	4.96	A
Aroclor 1232	ND		ug/kg	49.6	10.5	A
Aroclor 1242	ND		ug/kg	49.6	6.68	A
Aroclor 1248	ND		ug/kg	49.6	7.43	A
Aroclor 1254	ND		ug/kg	49.6	5.42	A
Aroclor 1260	ND		ug/kg	49.6	9.16	A
Aroclor 1262	ND		ug/kg	49.6	6.29	A
Aroclor 1268	ND		ug/kg	49.6	5.13	A
PCBs, Total	ND		ug/kg	49.6	4.40	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	56		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02,06,08 Batch: WG1931000-2 WG1931000-3									
Aroclor 1016	68		65		40-140	5		50	A
Aroclor 1260	65		63		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		55		30-150	A
Decachlorobiphenyl	63		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		56		30-150	B
Decachlorobiphenyl	65		62		30-150	B

PESTICIDES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02
Client ID: TB-DOC2-060424-1000
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 10:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/10/24 14:41
Analyst: JAG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/07/24 17:27
Cleanup Method: EPA 3620B
Cleanup Date: 06/09/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/09/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.363	1	A
Lindane	ND		ug/kg	0.772	0.345	1	A
Alpha-BHC	ND		ug/kg	0.772	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.703	1	A
Heptachlor	ND		ug/kg	0.927	0.415	1	A
Aldrin	ND		ug/kg	1.85	0.652	1	A
Heptachlor epoxide	ND		ug/kg	3.48	1.04	1	A
Endrin	ND		ug/kg	0.772	0.317	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.811	1	A
Endrin ketone	ND		ug/kg	1.85	0.477	1	A
Dieldrin	ND		ug/kg	1.16	0.579	1	A
4,4'-DDE	0.576	J	ug/kg	1.85	0.428	1	A
4,4'-DDD	ND		ug/kg	1.85	0.661	1	A
4,4'-DDT	1.94	IP	ug/kg	1.85	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.438	1	A
Endosulfan II	ND		ug/kg	1.85	0.619	1	A
Endosulfan sulfate	ND		ug/kg	0.772	0.368	1	A
Methoxychlor	ND		ug/kg	3.48	1.08	1	A
Toxaphene	ND		ug/kg	34.8	9.73	1	A
cis-Chlordane	ND		ug/kg	2.32	0.646	1	A
trans-Chlordane	ND		ug/kg	2.32	0.612	1	A
Chlordane	ND		ug/kg	15.4	6.14	1	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02 Date Collected: 06/04/24 10:00

Client ID: TB-DOC2-060424-1000 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2430944
Project Number: 200336-002
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02
Client ID: TB-DOC2-060424-1000
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 10:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/09/24 22:57
Analyst: EJL
Percent Solids: 84%
Methylation Date: 06/08/24 16:45

Extraction Method: EPA 8151A
Extraction Date: 06/07/24 09:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	198	12.5	1	A
2,4,5-T	ND		ug/kg	198	6.13	1	A
2,4,5-TP (Silvex)	ND		ug/kg	198	5.26	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	81		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-06
Client ID: TB-DOC6-060424-1250
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 12:50
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/10/24 14:54
Analyst: JAG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/07/24 17:27
Cleanup Method: EPA 3620B
Cleanup Date: 06/09/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/09/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.771	0.345	1	A
Alpha-BHC	ND		ug/kg	0.771	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.702	1	A
Heptachlor	ND		ug/kg	0.926	0.415	1	A
Aldrin	ND		ug/kg	1.85	0.652	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.771	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.810	1	A
Endrin ketone	ND		ug/kg	1.85	0.477	1	A
Dieldrin	ND		ug/kg	1.16	0.579	1	A
4,4'-DDE	0.570	J	ug/kg	1.85	0.428	1	A
4,4'-DDD	ND		ug/kg	1.85	0.660	1	A
4,4'-DDT	7.30		ug/kg	1.85	1.49	1	B
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.619	1	A
Endosulfan sulfate	ND		ug/kg	0.771	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.72	1	A
cis-Chlordane	0.895	J	ug/kg	2.31	0.645	1	A
trans-Chlordane	1.84	J	ug/kg	2.31	0.611	1	B
Chlordane	ND		ug/kg	15.4	6.13	1	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-06 Date Collected: 06/04/24 12:50

Client ID: TB-DOC6-060424-1250 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2430944
Project Number: 200336-002
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-06
Client ID: TB-DOC6-060424-1250
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 12:50
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/09/24 23:15
Analyst: EJL
Percent Solids: 85%
Methylation Date: 06/08/24 16:45

Extraction Method: EPA 8151A
Extraction Date: 06/07/24 09:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.02	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	74		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-08
Client ID: 4444-060424-001
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 00:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/10/24 15:06
Analyst: JAG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/07/24 17:27
Cleanup Method: EPA 3620B
Cleanup Date: 06/09/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/09/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.350	1	A
Lindane	ND		ug/kg	0.744	0.332	1	A
Alpha-BHC	ND		ug/kg	0.744	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.677	1	A
Heptachlor	ND		ug/kg	0.892	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.628	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.744	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.781	1	A
Endrin ketone	ND		ug/kg	1.78	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.558	1	A
4,4'-DDE	0.806	J	ug/kg	1.78	0.413	1	A
4,4'-DDD	ND		ug/kg	1.78	0.637	1	A
4,4'-DDT	2.34	IP	ug/kg	1.78	1.44	1	A
Endosulfan I	ND		ug/kg	1.78	0.422	1	A
Endosulfan II	ND		ug/kg	1.78	0.596	1	A
Endosulfan sulfate	ND		ug/kg	0.744	0.354	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.37	1	A
cis-Chlordane	ND		ug/kg	2.23	0.622	1	B
trans-Chlordane	0.983	J	ug/kg	2.23	0.589	1	B
Chlordane	ND		ug/kg	14.9	5.91	1	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-08 Date Collected: 06/04/24 00:00

Client ID: 4444-060424-001 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2430944
Project Number: 200336-002
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-08
Client ID: 4444-060424-001
Sample Location: ROCHESTER, NY

Date Collected: 06/04/24 00:00
Date Received: 06/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/09/24 23:33
Analyst: EJL
Percent Solids: 86%
Methylation Date: 06/08/24 16:45

Extraction Method: EPA 8151A
Extraction Date: 06/07/24 09:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	189	11.9	1	A
2,4,5-T	ND		ug/kg	189	5.85	1	A
2,4,5-TP (Silvex)	ND		ug/kg	189	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	82		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/07/24 21:30
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/06/24 21:56
Cleanup Method: EPA 3620B
Cleanup Date: 06/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,06,08 Batch: WG1930879-1						
Delta-BHC	ND		ug/kg	1.51	0.296	A
Lindane	ND		ug/kg	0.630	0.282	A
Alpha-BHC	ND		ug/kg	0.630	0.179	A
Beta-BHC	ND		ug/kg	1.51	0.573	A
Heptachlor	ND		ug/kg	0.756	0.339	A
Aldrin	ND		ug/kg	1.51	0.532	A
Heptachlor epoxide	ND		ug/kg	2.84	0.851	A
Endrin	ND		ug/kg	0.630	0.258	A
Endrin aldehyde	ND		ug/kg	1.89	0.662	A
Endrin ketone	ND		ug/kg	1.51	0.389	A
Dieldrin	ND		ug/kg	0.945	0.472	A
4,4'-DDE	ND		ug/kg	1.51	0.350	A
4,4'-DDD	ND		ug/kg	1.51	0.539	A
4,4'-DDT	ND		ug/kg	1.51	1.22	A
Endosulfan I	ND		ug/kg	1.51	0.357	A
Endosulfan II	ND		ug/kg	1.51	0.505	A
Endosulfan sulfate	ND		ug/kg	0.630	0.300	A
Methoxychlor	ND		ug/kg	2.84	0.882	A
Toxaphene	ND		ug/kg	28.4	7.94	A
cis-Chlordane	ND		ug/kg	1.89	0.527	A
trans-Chlordane	ND		ug/kg	1.89	0.499	A
Chlordane	ND		ug/kg	12.6	5.01	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/07/24 21:30
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/06/24 21:56
Cleanup Method: EPA 3620B
Cleanup Date: 06/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/07/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02,06,08 Batch: WG1930879-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/09/24 15:39
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 06/07/24 08:40

Methylation Date: 06/08/24 16:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 02,06,08 Batch: WG1931123-1						
2,4-D	ND		ug/kg	163	10.2	A
2,4,5-T	ND		ug/kg	163	5.04	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.33	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	78		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,06,08 Batch: WG1930879-2 WG1930879-3									
Delta-BHC	88		92		30-150	4		30	A
Lindane	88		87		30-150	1		30	A
Alpha-BHC	92		92		30-150	0		30	A
Beta-BHC	105		110		30-150	5		30	A
Heptachlor	95		96		30-150	1		30	A
Aldrin	94		97		30-150	3		30	A
Heptachlor epoxide	89		90		30-150	1		30	A
Endrin	103		106		30-150	3		30	A
Endrin aldehyde	103		105		30-150	2		30	A
Endrin ketone	107		107		30-150	0		30	A
Dieldrin	109		111		30-150	2		30	A
4,4'-DDE	97		100		30-150	3		30	A
4,4'-DDD	104		106		30-150	2		30	A
4,4'-DDT	102		105		30-150	3		30	A
Endosulfan I	98		100		30-150	2		30	A
Endosulfan II	103		106		30-150	3		30	A
Endosulfan sulfate	102		102		30-150	0		30	A
Methoxychlor	124		131		30-150	5		30	A
cis-Chlordane	93		93		30-150	0		30	A
trans-Chlordane	111		114		30-150	3		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

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

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02,06,08 Batch: WG1930879-2 WG1930879-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		73		30-150	A
Decachlorobiphenyl	94		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		75		30-150	B
Decachlorobiphenyl	102		100		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 02,06,08 Batch: WG1931123-2 WG1931123-3									
2,4-D	104		98		30-150	6		30	A
2,4,5-T	107		97		30-150	10		30	A
2,4,5-TP (Silvex)	**164**	Q	139		30-150	17		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	99		93		30-150	A
DCAA	91		92		30-150	B

METALS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-01 Date Collected: 06/04/24 09:00

Client ID: TB-DOC1-060424-0900 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3440		mg/kg	9.11	2.46	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Antimony, Total	6.94		mg/kg	4.56	0.346	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Arsenic, Total	158		mg/kg	0.911	0.190	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Barium, Total	100		mg/kg	0.911	0.158	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.495		mg/kg	0.456	0.030	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Cadmium, Total	0.481	J	mg/kg	0.911	0.089	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Calcium, Total	12800		mg/kg	9.11	3.19	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Chromium, Total	21.1		mg/kg	0.911	0.088	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Cobalt, Total	8.14		mg/kg	1.82	0.151	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Copper, Total	86.8		mg/kg	0.911	0.235	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Iron, Total	37000		mg/kg	4.56	0.823	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Lead, Total	321		mg/kg	4.56	0.244	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Magnesium, Total	2950		mg/kg	9.11	1.40	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Manganese, Total	286		mg/kg	0.911	0.145	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Mercury, Total	0.422		mg/kg	0.093	0.061	1	06/07/24 12:29	06/10/24 17:57	EPA 7471B	1,7471B	DHL
Nickel, Total	70.6		mg/kg	2.28	0.220	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Potassium, Total	320		mg/kg	228	13.1	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Selenium, Total	0.486	J	mg/kg	1.82	0.235	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Silver, Total	13.0		mg/kg	0.456	0.258	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Sodium, Total	67.7	J	mg/kg	182	2.87	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Thallium, Total	0.468	J	mg/kg	1.82	0.287	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Vanadium, Total	11.4		mg/kg	0.911	0.185	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM
Zinc, Total	172		mg/kg	4.56	0.267	2	06/07/24 10:44	06/08/24 18:36	EPA 3050B	1,6010D	HJM

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02 Date Collected: 06/04/24 10:00

Client ID: TB-DOC2-060424-1000 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4960		mg/kg	9.29	2.51	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Antimony, Total	4.15	J	mg/kg	4.65	0.353	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Arsenic, Total	43.3		mg/kg	0.929	0.193	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Barium, Total	81.3		mg/kg	0.929	0.162	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.461	J	mg/kg	0.465	0.031	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Cadmium, Total	0.460	J	mg/kg	0.929	0.091	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Calcium, Total	24300		mg/kg	9.29	3.25	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Chromium, Total	9.16		mg/kg	0.929	0.089	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Cobalt, Total	6.14		mg/kg	1.86	0.154	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Copper, Total	132		mg/kg	0.929	0.240	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Iron, Total	31200		mg/kg	4.65	0.839	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Lead, Total	291		mg/kg	4.65	0.249	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Magnesium, Total	5060		mg/kg	9.29	1.43	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Manganese, Total	315		mg/kg	0.929	0.148	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Mercury, Total	0.353		mg/kg	0.084	0.055	1	06/07/24 12:29	06/10/24 18:00	EPA 7471B	1,7471B	DHL
Nickel, Total	16.4		mg/kg	2.32	0.225	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Potassium, Total	507		mg/kg	232	13.4	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	1.86	0.240	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Silver, Total	0.633		mg/kg	0.465	0.263	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Sodium, Total	126	J	mg/kg	186	2.93	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Thallium, Total	0.366	J	mg/kg	1.86	0.293	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Vanadium, Total	13.9		mg/kg	0.929	0.189	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM
Zinc, Total	174		mg/kg	4.65	0.272	2	06/07/24 10:44	06/08/24 18:39	EPA 3050B	1,6010D	HJM

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-03 Date Collected: 06/04/24 11:00

Client ID: TB-DOC3-060424-1100 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2910		mg/kg	8.91	2.40	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Antimony, Total	3.77	J	mg/kg	4.46	0.338	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Arsenic, Total	123		mg/kg	0.891	0.185	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Barium, Total	80.0		mg/kg	0.891	0.155	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.459		mg/kg	0.446	0.029	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Cadmium, Total	0.554	J	mg/kg	0.891	0.087	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Calcium, Total	12100		mg/kg	8.91	3.12	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Chromium, Total	7.86		mg/kg	0.891	0.086	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Cobalt, Total	5.00		mg/kg	1.78	0.148	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Copper, Total	61.8		mg/kg	0.891	0.230	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Iron, Total	20000		mg/kg	4.46	0.804	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Lead, Total	189		mg/kg	4.46	0.239	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Magnesium, Total	4470		mg/kg	8.91	1.37	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Manganese, Total	154		mg/kg	0.891	0.142	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Mercury, Total	0.176		mg/kg	0.078	0.051	1	06/07/24 12:29	06/10/24 18:04	EPA 7471B	1,7471B	DHL
Nickel, Total	37.7		mg/kg	2.23	0.216	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Potassium, Total	366		mg/kg	223	12.8	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Selenium, Total	0.361	J	mg/kg	1.78	0.230	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Silver, Total	0.518		mg/kg	0.446	0.252	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Sodium, Total	105	J	mg/kg	178	2.81	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Thallium, Total	0.355	J	mg/kg	1.78	0.281	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Vanadium, Total	12.1		mg/kg	0.891	0.181	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM
Zinc, Total	150		mg/kg	4.46	0.261	2	06/07/24 10:44	06/08/24 18:43	EPA 3050B	1,6010D	HJM

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-04 Date Collected: 06/04/24 11:20

Client ID: TB-DOC4-060424-1120 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4590		mg/kg	8.67	2.34	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Antimony, Total	2.22	J	mg/kg	4.34	0.330	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Arsenic, Total	169		mg/kg	0.867	0.180	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Barium, Total	37.3		mg/kg	0.867	0.151	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.284	J	mg/kg	0.434	0.029	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Cadmium, Total	0.138	J	mg/kg	0.867	0.085	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Calcium, Total	17600		mg/kg	8.67	3.04	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Chromium, Total	6.97		mg/kg	0.867	0.083	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Cobalt, Total	3.66		mg/kg	1.73	0.144	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Copper, Total	22.0		mg/kg	0.867	0.224	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Iron, Total	12300		mg/kg	4.34	0.783	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Lead, Total	61.5		mg/kg	4.34	0.232	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Magnesium, Total	4150		mg/kg	8.67	1.34	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Manganese, Total	328		mg/kg	0.867	0.138	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Mercury, Total	0.103		mg/kg	0.082	0.054	1	06/07/24 12:29	06/10/24 18:07	EPA 7471B	1,7471B	DHL
Nickel, Total	8.37		mg/kg	2.17	0.210	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Potassium, Total	377		mg/kg	217	12.5	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	1.73	0.224	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Silver, Total	0.306	J	mg/kg	0.434	0.245	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Sodium, Total	52.5	J	mg/kg	173	2.73	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Thallium, Total	ND		mg/kg	1.73	0.273	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Vanadium, Total	12.4		mg/kg	0.867	0.176	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM
Zinc, Total	40.9		mg/kg	4.34	0.254	2	06/07/24 10:44	06/08/24 18:46	EPA 3050B	1,6010D	HJM

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-05 Date Collected: 06/04/24 12:40

Client ID: TB-DOC5-060424-1240 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2690		mg/kg	8.32	2.24	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Antimony, Total	2.27	J	mg/kg	4.16	0.316	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Arsenic, Total	205		mg/kg	0.832	0.173	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Barium, Total	58.5		mg/kg	0.832	0.145	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.472		mg/kg	0.416	0.027	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Cadmium, Total	0.455	J	mg/kg	0.832	0.082	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Calcium, Total	7530		mg/kg	8.32	2.91	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Chromium, Total	5.02		mg/kg	0.832	0.080	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Cobalt, Total	5.19		mg/kg	1.66	0.138	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Copper, Total	31.0		mg/kg	0.832	0.215	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Iron, Total	19800		mg/kg	4.16	0.751	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Lead, Total	98.7		mg/kg	4.16	0.223	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Magnesium, Total	1610		mg/kg	8.32	1.28	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Manganese, Total	99.0		mg/kg	0.832	0.132	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Mercury, Total	0.093		mg/kg	0.075	0.049	1	06/07/24 12:29	06/10/24 18:10	EPA 7471B	1,7471B	DHL
Nickel, Total	12.1		mg/kg	2.08	0.201	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Potassium, Total	140	J	mg/kg	208	12.0	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Selenium, Total	0.326	J	mg/kg	1.66	0.215	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Silver, Total	0.323	J	mg/kg	0.416	0.235	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Sodium, Total	97.4	J	mg/kg	166	2.62	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Thallium, Total	ND		mg/kg	1.66	0.262	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Vanadium, Total	7.23		mg/kg	0.832	0.169	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM
Zinc, Total	45.8		mg/kg	4.16	0.244	2	06/07/24 10:44	06/08/24 18:50	EPA 3050B	1,6010D	HJM

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-06 Date Collected: 06/04/24 12:50

Client ID: TB-DOC6-060424-1250 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3680		mg/kg	9.18	2.48	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Antimony, Total	5.88		mg/kg	4.59	0.349	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Arsenic, Total	17.9		mg/kg	0.918	0.191	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Barium, Total	98.2		mg/kg	0.918	0.160	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.363	J	mg/kg	0.459	0.030	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Cadmium, Total	0.935		mg/kg	0.918	0.090	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Calcium, Total	40800		mg/kg	9.18	3.21	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Chromium, Total	17.0		mg/kg	0.918	0.088	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Cobalt, Total	4.45		mg/kg	1.84	0.152	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Copper, Total	204		mg/kg	0.918	0.237	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Iron, Total	20100		mg/kg	4.59	0.829	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Lead, Total	366		mg/kg	4.59	0.246	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Magnesium, Total	14100		mg/kg	9.18	1.41	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Manganese, Total	385		mg/kg	0.918	0.146	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Mercury, Total	0.534		mg/kg	0.083	0.054	1	06/07/24 12:29	06/10/24 18:14	EPA 7471B	1,7471B	DHL
Nickel, Total	12.6		mg/kg	2.30	0.222	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Potassium, Total	407		mg/kg	230	13.2	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	1.84	0.237	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Silver, Total	0.696		mg/kg	0.459	0.260	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Sodium, Total	101	J	mg/kg	184	2.89	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Thallium, Total	0.467	J	mg/kg	1.84	0.289	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Vanadium, Total	15.1		mg/kg	0.918	0.186	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM
Zinc, Total	319		mg/kg	4.59	0.269	2	06/07/24 10:44	06/08/24 18:53	EPA 3050B	1,6010D	HJM

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-07 Date Collected: 06/04/24 13:20

Client ID: TB-DOC7-060424-1320 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2100		mg/kg	16.3	4.41	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Antimony, Total	0.700	J	mg/kg	8.17	0.621	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Arsenic, Total	5.74		mg/kg	1.63	0.340	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Barium, Total	46.5		mg/kg	1.63	0.284	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.188	J	mg/kg	0.817	0.054	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Cadmium, Total	0.390	J	mg/kg	1.63	0.160	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Calcium, Total	105000		mg/kg	16.3	5.72	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Chromium, Total	65.2		mg/kg	1.63	0.157	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Cobalt, Total	2.95	J	mg/kg	3.27	0.271	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Copper, Total	31.4		mg/kg	1.63	0.422	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Iron, Total	11200		mg/kg	8.17	1.48	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Lead, Total	189		mg/kg	8.17	0.438	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Magnesium, Total	38700		mg/kg	16.3	2.52	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Manganese, Total	290		mg/kg	1.63	0.260	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Mercury, Total	0.616		mg/kg	0.083	0.054	1	06/07/24 12:29	06/10/24 18:17	EPA 7471B	1,7471B	DHL
Nickel, Total	13.2		mg/kg	4.08	0.395	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Potassium, Total	341	J	mg/kg	408	23.5	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	3.27	0.422	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Silver, Total	ND		mg/kg	0.817	0.462	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Sodium, Total	105	J	mg/kg	327	5.15	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Thallium, Total	ND		mg/kg	3.27	0.515	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Vanadium, Total	7.81		mg/kg	1.63	0.332	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM
Zinc, Total	111		mg/kg	8.17	0.479	4	06/07/24 10:44	06/08/24 21:06	EPA 3050B	1,6010D	HJM

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-08 Date Collected: 06/04/24 00:00

Client ID: 4444-060424-001 Date Received: 06/04/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4900		mg/kg	9.24	2.50	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Antimony, Total	3.34	J	mg/kg	4.62	0.351	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Arsenic, Total	37.9		mg/kg	0.924	0.192	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Barium, Total	66.9		mg/kg	0.924	0.161	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Beryllium, Total	0.467		mg/kg	0.462	0.031	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Cadmium, Total	0.746	J	mg/kg	0.924	0.091	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Calcium, Total	24000		mg/kg	9.24	3.23	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Chromium, Total	9.77		mg/kg	0.924	0.089	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Cobalt, Total	7.82		mg/kg	1.85	0.153	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Copper, Total	125		mg/kg	0.924	0.238	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Iron, Total	21100		mg/kg	4.62	0.835	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Lead, Total	320		mg/kg	4.62	0.248	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Magnesium, Total	5880		mg/kg	9.24	1.42	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Manganese, Total	332		mg/kg	0.924	0.147	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Mercury, Total	0.342		mg/kg	0.090	0.059	1	06/07/24 12:29	06/10/24 18:20	EPA 7471B	1,7471B	DHL
Nickel, Total	16.0		mg/kg	2.31	0.224	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Potassium, Total	513		mg/kg	231	13.3	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Selenium, Total	ND		mg/kg	1.85	0.238	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Silver, Total	0.488		mg/kg	0.462	0.262	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Sodium, Total	116	J	mg/kg	185	2.91	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Thallium, Total	0.338	J	mg/kg	1.85	0.291	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Vanadium, Total	13.3		mg/kg	0.924	0.188	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM
Zinc, Total	231		mg/kg	4.62	0.271	2	06/07/24 10:44	06/08/24 19:00	EPA 3050B	1,6010D	HJM

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1930960-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Barium, Total	ND		mg/kg	0.400	0.070	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Calcium, Total	1.40	J	mg/kg	4.00	1.40	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Copper, Total	ND		mg/kg	0.400	0.103	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Iron, Total	1.67	J	mg/kg	2.00	0.361	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Potassium, Total	ND		mg/kg	100	5.76	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/07/24 10:44	06/08/24 17:53	1,6010D	HJM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1930963-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/07/24 12:29	06/10/24 17:24	1,7471B	DHL

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1930960-2								
Aluminum, Total	90		-		80-120	-		
Antimony, Total	93		-		80-120	-		
Arsenic, Total	91		-		80-120	-		
Barium, Total	91		-		80-120	-		
Beryllium, Total	92		-		80-120	-		
Cadmium, Total	92		-		80-120	-		
Calcium, Total	95		-		80-120	-		
Chromium, Total	89		-		80-120	-		
Cobalt, Total	90		-		80-120	-		
Copper, Total	91		-		80-120	-		
Iron, Total	96		-		80-120	-		
Lead, Total	93		-		80-120	-		
Magnesium, Total	93		-		80-120	-		
Manganese, Total	92		-		80-120	-		
Nickel, Total	90		-		80-120	-		
Potassium, Total	96		-		80-120	-		
Selenium, Total	90		-		80-120	-		
Silver, Total	94		-		80-120	-		
Sodium, Total	96		-		80-120	-		
Thallium, Total	91		-		80-120	-		
Vanadium, Total	90		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1930960-2					
Zinc, Total	91	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1930963-2					
Mercury, Total	103	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002

Lab Number: L2430944
Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1930960-3 WG1930960-4 QC Sample: L2430954-02 Client ID: MS Sample												
Aluminum, Total	4570	171	6800	**1300**	Q	4980	**238**	Q	75-125	**31**	Q	20
Antimony, Total	3.80J	42.8	40.9	96		40.9	95		75-125	0		20
Arsenic, Total	7.87	10.3	17.5	94		16.4	83		75-125	6		20
Barium, Total	29.8	171	199	99		179	87		75-125	11		20
Beryllium, Total	0.297J	4.28	4.22	98		3.99	93		75-125	6		20
Cadmium, Total	0.229J	4.54	4.13	91		4.21	92		75-125	2		20
Calcium, Total	1670	856	4280	**305**	Q	2480	94		75-125	**53**	Q	20
Chromium, Total	13.5	17.1	27.6	82		29.7	94		75-125	7		20
Cobalt, Total	5.06	42.8	42.0	86		42.7	88		75-125	2		20
Copper, Total	157	21.4	187	**140**	Q	196	**181**	Q	75-125	5		20
Iron, Total	16500	85.6	20700	**4900**	Q	15400	**0**	Q	75-125	**29**	Q	20
Lead, Total	517	45.4	738	**487**	Q	648	**287**	Q	75-125	13		20
Magnesium, Total	1790	856	2380	**69**	Q	2580	92		75-125	8		20
Manganese, Total	219	42.8	276	**133**	Q	296	**179**	Q	75-125	7		20
Nickel, Total	18.2	42.8	54.2	84		58.0	92		75-125	7		20
Potassium, Total	425	856	1250	96		1230	94		75-125	2		20
Selenium, Total	0.221J	10.3	8.29	81		8.32	81		75-125	0		20
Silver, Total	0.254J	4.28	4.16	97		4.14	96		75-125	0		20
Sodium, Total	64.6J	856	920	107		844	98		75-125	9		20
Thallium, Total	ND	10.3	9.19	89		9.06	88		75-125	1		20
Vanadium, Total	26.4	42.8	67.9	97		65.4	91		75-125	4		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002

Lab Number: L2430944
Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1930960-3 WG1930960-4 QC Sample: L2430954-02 Client ID: MS Sample											
Zinc, Total	462	42.8	464	**5**	Q	525	**146**	Q	75-125	12	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1930963-3 WG1930963-4 QC Sample: L2430954-02 Client ID: MS Sample											
Mercury, Total	0.170	1.63	1.84	102		1.62	98		80-120	13	20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2430944
Report Date: 06/19/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1930960-6 QC Sample: L2430954-02 Client ID: DUP Sample						
Aluminum, Total	4570	5070	mg/kg	11		20
Barium, Total	29.8	33.0	mg/kg	11		20
Calcium, Total	1670	1870	mg/kg	12		20
Copper, Total	157	177	mg/kg	13		20
Iron, Total	16500	19400	mg/kg	18		20
Lead, Total	517	575	mg/kg	11		20
Magnesium, Total	1790	2100	mg/kg	17		20
Manganese, Total	219	246	mg/kg	12		20
Vanadium, Total	26.4	29.9	mg/kg	13		20
Zinc, Total	462	553	mg/kg	20		20

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-01
Client ID: TB-DOC1-060424-0900
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/04/24 09:00
Date Received: 06/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	06/05/24 11:11	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/18/24 12:45	06/18/24 16:43	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-02
Client ID: TB-DOC2-060424-1000
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/04/24 10:00
Date Received: 06/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	06/05/24 11:11	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/18/24 12:45	06/18/24 16:55	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-03
Client ID: TB-DOC3-060424-1100
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/04/24 11:00
Date Received: 06/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	06/05/24 11:11	121,2540G	ROI
Cyanide, Total	0.24	J	mg/kg	1.1	0.23	1	06/18/24 12:45	06/18/24 16:47	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-04
Client ID: TB-DOC4-060424-1120
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/04/24 11:20
Date Received: 06/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	06/05/24 11:11	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/18/24 12:45	06/18/24 16:48	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-05
Client ID: TB-DOC5-060424-1240
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/04/24 12:40
Date Received: 06/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	06/05/24 11:11	121,2540G	ROI
Cyanide, Total	0.58	J	mg/kg	1.1	0.23	1	06/18/24 12:45	06/18/24 16:49	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-06
Client ID: TB-DOC6-060424-1250
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/04/24 12:50
Date Received: 06/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	06/05/24 11:11	121,2540G	ROI
Cyanide, Total	0.34	J	mg/kg	1.2	0.24	1	06/18/24 12:45	06/18/24 16:50	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-07
Client ID: TB-DOC7-060424-1320
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/04/24 13:20
Date Received: 06/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.6		%	0.100	NA	1	-	06/05/24 11:11	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.99	0.21	1	06/18/24 12:45	06/18/24 16:51	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2430944-08
Client ID: 4444-060424-001
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/04/24 00:00
Date Received: 06/04/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	06/05/24 11:11	121,2540G	ROI
Cyanide, Total	0.25	J	mg/kg	1.1	0.24	1	06/18/24 12:45	06/18/24 16:52	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2430944

Project Number: 200336-002 **Report Date:** 06/19/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-08 Batch: WG1935876-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	06/18/24 12:45	06/18/24 16:37	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 Batch: WG1935876-2 WG1935876-3								
Cyanide, Total	106		103		80-120	3		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002

Lab Number: L2430944
Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1935876-4 WG1935876-5 QC Sample: L2430944-01 Client ID: TB-DOC1-060424-0900												
Cyanide, Total	ND	11	13	120		13	120		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 200336-002

Lab Number: L2430944

Report Date: 06/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1930019-1 QC Sample: L2430954-02 Client ID: DUP Sample						
Solids, Total	90.4	91.1	%	1		20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002

Lab Number: L2430944
Report Date: 06/19/24

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(*)
L2430944-01A	Vial MeOH preserved	A	NA		5.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2430944-01B	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14)
L2430944-01C	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14)
L2430944-01D	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		TS(7)
L2430944-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2430944-01F	Glass 120ml/4oz unpreserved	A	NA		5.6	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2430944-02A	Vial MeOH preserved	A	NA		5.6	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2430944-02B	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2430944-02C	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2430944-02D	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		TS(7)
L2430944-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2430944-02F	Glass 120ml/4oz unpreserved	A	NA		5.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2430944-02G	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-1633-DRAFT(90)
L2430944-02H	Glass 500ml/16oz unpreserved	A	NA		5.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2430944-03A	Vial MeOH preserved	A	NA		5.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2430944-03B	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002

Lab Number: L2430944
Report Date: 06/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2430944-03C	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14)
L2430944-03D	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		TS(7)
L2430944-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2430944-03F	Glass 120ml/4oz unpreserved	A	NA		5.6	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2430944-04A	Vial MeOH preserved	A	NA		5.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2430944-04B	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14)
L2430944-04C	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14)
L2430944-04D	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		TS(7)
L2430944-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2430944-04F	Glass 120ml/4oz unpreserved	A	NA		5.6	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2430944-05A	Vial MeOH preserved	A	NA		5.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2430944-05B	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14)
L2430944-05C	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14)
L2430944-05D	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		TS(7)
L2430944-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2430944-05F	Glass 120ml/4oz unpreserved	A	NA		5.6	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2430944-06A	Vial MeOH preserved	A	NA		5.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2430944-06B	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14)
L2430944-06C	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14)
L2430944-06D	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002

Lab Number: L2430944
Report Date: 06/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2430944-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2430944-06F	Glass 120ml/4oz unpreserved	A	NA		5.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2430944-06G	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-1633-DRAFT(90)
L2430944-06H	Glass 500ml/16oz unpreserved	A	NA		5.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2430944-07A	Vial MeOH preserved	A	NA		5.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2430944-07B	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14)
L2430944-07C	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14)
L2430944-07D	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		TS(7)
L2430944-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2430944-07F	Glass 120ml/4oz unpreserved	A	NA		5.6	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2430944-08A	Vial MeOH preserved	A	NA		5.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2430944-08B	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14)
L2430944-08C	Vial water preserved	A	NA		5.6	Y	Absent	05-JUN-24 11:21	NYTCL-8260HLW-R2(14)
L2430944-08D	Plastic 2oz unpreserved for TS	A	NA		5.6	Y	Absent		TS(7)
L2430944-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2430944-08F	Glass 120ml/4oz unpreserved	A	NA		5.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2430944-08G	Plastic 8oz unpreserved	A	NA		5.6	Y	Absent		A2-1633-DRAFT(90)
L2430944-08H	Glass 500ml/16oz unpreserved	A	NA		5.6	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 200336-002
Lab Number: L2430944
Report Date: 06/19/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2430944
Project Number:	200336-002	**Report Date:**	06/19/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2430944
Project Number:	200336-002	**Report Date:**	06/19/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2430944
Project Number:	200336-002	**Report Date:**	06/19/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2430944
Project Number:	200336-002	**Report Date:**	06/19/24

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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: 6/5/24

ALPHA Job #: L2430944

Client Information
Client:
Address: 200 Town Centre Dr. Rochester, NY 14623
Phone: 585-359-9000
Fax:
Email: JSZUCS@haleyaldrich.com

Project Information
Project Name: I-5 Trowbridge - Documentation Samples
Project Location: Rochester, NY
Project #: 200336-002
(Use Project name as Project #)
Project Manager: Janice Szucs
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [X] 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 [X] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:
CC: SMcKenna@haleyaldrich.com GWhite@haleyaldrich.com KHartnett@haleyaldrich.com

Please specify Metals or TAL.

ANALYSIS
TCL VOCs 8260
TCL SVOCs 8270
TAL Metals 6010
PCBs 8082
Pesticides 8081
Herbicides 8151
PFAS 1633

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 VOCs 8260	TCL SVOCs 8270	TAL Metals 6010	PCBs 8082	Pesticides 8081	Herbicides 8151	PFAS 1633	Sample Specific Comments	Total Bottles
30944-01	TB-DOC1-060424-0900	6/4/24	09:00	S	KB	X	X	X						3
-02	TB-DOC2-060424-1000		10:00		KB	X	X	X	X	X	X	X		5
-03	TB-DOC3-060424-1100		11:00		KB	X	X	X						3
-04	TB-DOC4-060424-1120		11:20		KB	X	X	X						3
-05	TB-DOC5-060424-1240		12:40		KB	X	X	X						3
-06	TB-DOC6-060424-1250		12:50		KB	X	X	X	X	X	X	X		5
-07	TB-DOC7-060424-1320		13:20		KB	X	X	X						3
-08	4444-060424-0001	↓	—	↓	KB	X	X	X	X	X	X	X		5

Container Type: V A A A A A P
Preservative: F A A A A A A

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	6/4/24 15:59	Jeff Mygod PACE	6/4/24 1559
Jeff Mygod PACE	6/4/24 1559		6/5/24 0130

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:	L2431345
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-DOC. SAMPLES
Project Number:	0200336-002
Report Date:	06/18/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2431345
Report Date: 06/18/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2431345-01	TB-DOC8-060524-0800	SOIL	ROCHESTER, NY	06/05/24 08:00	06/05/24
L2431345-02	TB-DOC9-060524-0820	SOIL	ROCHESTER, NY	06/05/24 08:20	06/05/24
L2431345-03	TB-DOC10-060524-0850	SOIL	ROCHESTER, NY	06/05/24 08:50	06/05/24
L2431345-04	TB-DOC11-060524-0900	SOIL	ROCHESTER, NY	06/05/24 09:00	06/05/24
L2431345-05	TB-DOC12-060524-1000	SOIL	ROCHESTER, NY	06/05/24 10:00	06/05/24

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2431345
Project Number:	0200336-002	**Report Date:**	06/18/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2431345
Project Number:	0200336-002	**Report Date:**	06/18/24

Case Narrative (continued)

Report Revision

June 18, 2024: The Semivolatile Organics analyte list has been amended.

Report Submission

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

Volatile Organics

L2431345-03: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of target compounds in the sample.

L2431345-03: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2431345-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1932766-5 Method Blank, associated with L2431345-01, -02, and -04, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG1933153-5 Method Blank, associated with L2431345-05, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG1932773-3/-4 LCS/LCSD recoveries, associated with L2431345-03D, are above the individual acceptance criteria for methyl tert butyl ether (131% LCS) and methyl acetate (149%/149%), but within the overall method allowances. The results of the associated samples are reported; however, all positive detects

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2431345
Project Number:	0200336-002	**Report Date:**	06/18/24

Case Narrative (continued)

for these compounds are considered to have a potentially high bias.
The WG1933153-3/-4 LCS/LCSD recoveries, associated with L2431345-05, are above the individual acceptance criteria for 1,1-dichloroethane (142% LCSD), methyl tert butyl ether (153%/145%) and methyl acetate (156% LCS), but within the overall method allowances. The results of the associated samples are reported; however, all positive detects for these compounds are considered to have a potentially high bias.
The WG1933153-3/-4 LCS/LCSD RPD, associated with L2431345-05, is above the acceptance criteria for 1,1-dichloroethane (42%).

Semivolatile Organics
L2431345-01, -03, -04, and -05: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

Total Metals
L2431345-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
The WG1932608-1 Method Blank, associated with L2431345-01 through -05, has a concentration above the reporting limit for iron. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

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: 06/18/24

ORGANICS

VOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-01
Client ID: TB-DOC8-060524-0800
Sample Location: ROCHESTER, NY

Date Collected: 06/05/24 08:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/11/24 01:46
Analyst: MKS
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.5	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.3	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.75	0.30	1
Chlorobenzene	ND		ug/kg	0.75	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.0	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.39	1
1,1,1-Trichloroethane	ND		ug/kg	0.75	0.25	1
Bromodichloromethane	ND		ug/kg	0.75	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.75	0.24	1
Bromoform	ND		ug/kg	6.0	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.75	0.25	1
Benzene	ND		ug/kg	0.75	0.25	1
Toluene	ND		ug/kg	1.5	0.82	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.0	1.4	1
Bromomethane	ND		ug/kg	3.0	0.88	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.68	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1
Trichloroethene	0.92		ug/kg	0.75	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-01 Date Collected: 06/05/24 08:00

Client ID: TB-DOC8-060524-0800 Date Received: 06/05/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.84	1
o-Xylene	ND		ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.2	1
Carbon disulfide	ND		ug/kg	15	6.9	1
2-Butanone	ND		ug/kg	15	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.41	1
Methyl Acetate	ND		ug/kg	6.0	1.4	1
Cyclohexane	ND		ug/kg	15	0.82	1
1,4-Dioxane	ND		ug/kg	120	53.	1
Freon-113	ND		ug/kg	6.0	1.0	1
Methyl cyclohexane	ND		ug/kg	6.0	0.91	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	129		70-130
Dibromofluoromethane	99		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-02
Client ID: TB-DOC9-060524-0820
Sample Location: ROCHESTER, NY

Date Collected: 06/05/24 08:20
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/11/24 02:13
Analyst: MKS
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	1.4		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-02 Date Collected: 06/05/24 08:20

Client ID: TB-DOC9-060524-0820 Date Received: 06/05/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	93	41.	1
Freon-113	ND		ug/kg	4.6	0.80	1
Methyl cyclohexane	ND		ug/kg	4.6	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	96		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-03
Client ID: TB-DOC10-060524-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/05/24 08:50
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/09/24 20:48
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	440	200	1
1,1-Dichloroethane	ND		ug/kg	88	13.	1
Chloroform	ND		ug/kg	130	12.	1
Carbon tetrachloride	ND		ug/kg	88	20.	1
1,2-Dichloropropane	ND		ug/kg	88	11.	1
Dibromochloromethane	ND		ug/kg	88	12.	1
1,1,2-Trichloroethane	ND		ug/kg	88	24.	1
Tetrachloroethene	280		ug/kg	44	17.	1
Chlorobenzene	ND		ug/kg	44	11.	1
Trichlorofluoromethane	ND		ug/kg	350	61.	1
1,2-Dichloroethane	ND		ug/kg	88	23.	1
1,1,1-Trichloroethane	84		ug/kg	44	15.	1
Bromodichloromethane	ND		ug/kg	44	9.6	1
trans-1,3-Dichloropropene	ND		ug/kg	88	24.	1
cis-1,3-Dichloropropene	ND		ug/kg	44	14.	1
Bromoform	ND		ug/kg	350	22.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	44	15.	1
Benzene	55		ug/kg	44	15.	1
Toluene	250		ug/kg	88	48.	1
Ethylbenzene	56	J	ug/kg	88	12.	1
Chloromethane	ND		ug/kg	350	82.	1
Bromomethane	ND		ug/kg	180	51.	1
Vinyl chloride	ND		ug/kg	88	30.	1
Chloroethane	ND		ug/kg	180	40.	1
1,1-Dichloroethene	ND		ug/kg	88	21.	1
trans-1,2-Dichloroethene	ND		ug/kg	130	12.	1
Trichloroethene	27000	E	ug/kg	44	12.	1
1,2-Dichlorobenzene	ND		ug/kg	180	13.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-03 Date Collected: 06/05/24 08:50

Client ID: TB-DOC10-060524-0850 Date Received: 06/05/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	180	13.	1
1,4-Dichlorobenzene	ND		ug/kg	180	15.	1
Methyl tert butyl ether	ND		ug/kg	180	18.	1
p/m-Xylene	290		ug/kg	180	49.	1
o-Xylene	230		ug/kg	88	26.	1
cis-1,2-Dichloroethene	ND		ug/kg	88	15.	1
Styrene	ND		ug/kg	88	17.	1
Dichlorodifluoromethane	ND		ug/kg	880	81.	1
Acetone	ND		ug/kg	880	420	1
Carbon disulfide	ND		ug/kg	880	400	1
2-Butanone	ND		ug/kg	880	200	1
4-Methyl-2-pentanone	ND		ug/kg	880	110	1
2-Hexanone	ND		ug/kg	880	100	1
Bromochloromethane	ND		ug/kg	180	18.	1
1,2-Dibromoethane	ND		ug/kg	88	25.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	260	88.	1
Isopropylbenzene	73	J	ug/kg	88	9.6	1
1,2,3-Trichlorobenzene	ND		ug/kg	180	28.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	24.	1
Methyl Acetate	380		ug/kg	350	84.	1
Cyclohexane	270	J	ug/kg	880	48.	1
1,4-Dioxane	ND		ug/kg	7000	3100	1
Freon-113	ND		ug/kg	350	61.	1
Methyl cyclohexane	1100		ug/kg	350	53.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-03 D
Client ID: TB-DOC10-060524-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/05/24 08:50
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/11/24 03:07
Analyst: MKS
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	31000		ug/kg	220	60.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	97		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-04
Client ID: TB-DOC11-060524-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/05/24 09:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/11/24 02:40
Analyst: MKS
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.5	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.65	0.26	1
Chlorobenzene	ND		ug/kg	0.65	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.91	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.65	0.22	1
Bromodichloromethane	ND		ug/kg	0.65	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.65	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.65	0.22	1
Benzene	ND		ug/kg	0.65	0.22	1
Toluene	ND		ug/kg	1.3	0.71	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1
Trichloroethene	2.9		ug/kg	0.65	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-04 Date Collected: 06/05/24 09:00

Client ID: TB-DOC11-060524-0900 Date Received: 06/05/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.73	1
o-Xylene	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	6.5	J	ug/kg	13	6.3	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
Methyl Acetate	ND		ug/kg	5.2	1.2	1
Cyclohexane	ND		ug/kg	13	0.71	1
1,4-Dioxane	ND		ug/kg	100	46.	1
Freon-113	ND		ug/kg	5.2	0.90	1
Methyl cyclohexane	ND		ug/kg	5.2	0.79	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	100		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-05
Client ID: TB-DOC12-060524-1000
Sample Location: ROCHESTER, NY

Date Collected: 06/05/24 10:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/11/24 12:19
Analyst: AJK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.27	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.95	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.23	1
Benzene	ND		ug/kg	0.68	0.23	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.7	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.19	1
Trichloroethene	ND		ug/kg	0.68	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-05 Date Collected: 06/05/24 10:00

Client ID: TB-DOC12-060524-1000 Date Received: 06/05/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
Methyl Acetate	ND		ug/kg	5.5	1.3	1
Cyclohexane	ND		ug/kg	14	0.74	1
1,4-Dioxane	ND		ug/kg	110	48.	1
Freon-113	ND		ug/kg	5.5	0.94	1
Methyl cyclohexane	ND		ug/kg	5.5	0.82	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	98		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/09/24 14:16
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1932192-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	31	J	ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	5.5	J	ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/09/24 14:16
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1932192-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	35	J	ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/09/24 14:16
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1932192-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/24 23:02
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04 Batch: WG1932766-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	3.2		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/24 23:02
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04 Batch: WG1932766-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/24 23:02
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04 Batch: WG1932766-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	96		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/24 23:02
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1932773-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	160		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/24 23:02
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1932773-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/10/24 23:02
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1932773-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	96		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/11/24 11:24
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1933153-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.9		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/11/24 11:24
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1933153-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/11/24 11:24
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1933153-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	93		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2431345

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1932192-3 WG1932192-4								
Methylene chloride	97		93		70-130	4		30
1,1-Dichloroethane	96		95		70-130	1		30
Chloroform	100		100		70-130	0		30
Carbon tetrachloride	100		100		70-130	0		30
1,2-Dichloropropane	98		97		70-130	1		30
Dibromochloromethane	108		106		70-130	2		30
1,1,2-Trichloroethane	97		97		70-130	0		30
Tetrachloroethene	91		91		70-130	0		30
Chlorobenzene	98		98		70-130	0		30
Trichlorofluoromethane	95		94		70-139	1		30
1,2-Dichloroethane	95		94		70-130	1		30
1,1,1-Trichloroethane	102		100		70-130	2		30
Bromodichloromethane	104		102		70-130	2		30
trans-1,3-Dichloropropene	100		101		70-130	1		30
cis-1,3-Dichloropropene	94		93		70-130	1		30
Bromoform	99		100		70-130	1		30
1,1,2,2-Tetrachloroethane	94		97		70-130	3		30
Benzene	101		100		70-130	1		30
Toluene	96		95		70-130	1		30
Ethylbenzene	96		96		70-130	0		30
Chloromethane	76		75		52-130	1		30
Bromomethane	66		66		57-147	0		30
Vinyl chloride	76		74		67-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2431345
Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1932192-3 WG1932192-4								
Chloroethane	84		80		50-151	5		30
1,1-Dichloroethene	89		88		65-135	1		30
trans-1,2-Dichloroethene	96		95		70-130	1		30
Trichloroethene	98		97		70-130	1		30
1,2-Dichlorobenzene	98		99		70-130	1		30
1,3-Dichlorobenzene	97		99		70-130	2		30
1,4-Dichlorobenzene	97		99		70-130	2		30
Methyl tert butyl ether	103		101		66-130	2		30
p/m-Xylene	90		89		70-130	1		30
o-Xylene	87		87		70-130	0		30
cis-1,2-Dichloroethene	98		97		70-130	1		30
Styrene	89		88		70-130	1		30
Dichlorodifluoromethane	78		75		30-146	4		30
Acetone	104		86		54-140	19		30
Carbon disulfide	91		89		59-130	2		30
2-Butanone	103		92		70-130	11		30
4-Methyl-2-pentanone	91		90		70-130	1		30
2-Hexanone	94		92		70-130	2		30
Bromochloromethane	106		103		70-130	3		30
1,2-Dibromoethane	103		104		70-130	1		30
1,2-Dibromo-3-chloropropane	99		102		68-130	3		30
Isopropylbenzene	88		90		70-130	2		30
1,2,3-Trichlorobenzene	100		104		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2431345
Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1932192-3 WG1932192-4								
1,2,4-Trichlorobenzene	106		108		70-130	2		30
Methyl Acetate	93		93		51-146	0		30
Cyclohexane	93		92		59-142	1		30
1,4-Dioxane	96		92		65-136	4		30
Freon-113	98		97		50-139	1		30
Methyl cyclohexane	93		92		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		93		70-130
Toluene-d8	95		95		70-130
4-Bromofluorobenzene	93		98		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2431345

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1932766-3 WG1932766-4								
Methylene chloride	111		106		70-130	5		30
1,1-Dichloroethane	99		96		70-130	3		30
Chloroform	99		94		70-130	5		30
Carbon tetrachloride	94		89		70-130	5		30
1,2-Dichloropropane	104		102		70-130	2		30
Dibromochloromethane	98		93		70-130	5		30
1,1,2-Trichloroethane	111		110		70-130	1		30
Tetrachloroethene	90		86		70-130	5		30
Chlorobenzene	103		99		70-130	4		30
Trichlorofluoromethane	125		116		70-139	7		30
1,2-Dichloroethane	103		101		70-130	2		30
1,1,1-Trichloroethane	101		98		70-130	3		30
Bromodichloromethane	98		97		70-130	1		30
trans-1,3-Dichloropropene	116		112		70-130	4		30
cis-1,3-Dichloropropene	105		103		70-130	2		30
Bromoform	90		88		70-130	2		30
1,1,2,2-Tetrachloroethane	109		100		70-130	9		30
Benzene	102		99		70-130	3		30
Toluene	103		100		70-130	3		30
Ethylbenzene	108		104		70-130	4		30
Chloromethane	95		87		52-130	9		30
Bromomethane	118		108		57-147	9		30
Vinyl chloride	109		103		67-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2431345

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1932766-3 WG1932766-4								
Chloroethane	131		122		50-151	7		30
1,1-Dichloroethene	113		110		65-135	3		30
trans-1,2-Dichloroethene	128		125		70-130	2		30
Trichloroethene	109		109		70-130	0		30
1,2-Dichlorobenzene	104		99		70-130	5		30
1,3-Dichlorobenzene	104		101		70-130	3		30
1,4-Dichlorobenzene	104		99		70-130	5		30
Methyl tert butyl ether	**131**	Q	111		66-130	17		30
p/m-Xylene	104		101		70-130	3		30
o-Xylene	102		100		70-130	2		30
cis-1,2-Dichloroethene	97		91		70-130	6		30
Styrene	105		104		70-130	1		30
Dichlorodifluoromethane	86		78		30-146	10		30
Acetone	122		125		54-140	2		30
Carbon disulfide	110		107		59-130	3		30
2-Butanone	99		95		70-130	4		30
4-Methyl-2-pentanone	113		110		70-130	3		30
2-Hexanone	118		112		70-130	5		30
Bromochloromethane	90		83		70-130	8		30
1,2-Dibromoethane	105		101		70-130	4		30
1,2-Dibromo-3-chloropropane	93		93		68-130	0		30
Isopropylbenzene	110		109		70-130	1		30
1,2,3-Trichlorobenzene	93		89		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2431345
Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1932766-3 WG1932766-4								
1,2,4-Trichlorobenzene	97		91		70-130	6		30
Methyl Acetate	**149**	Q	**149**	Q	51-146	0		30
Cyclohexane	99		100		59-142	1		30
1,4-Dioxane	104		110		65-136	6		30
Freon-113	114		109		50-139	4		30
Methyl cyclohexane	97		99		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		108		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	109		110		70-130
Dibromofluoromethane	91		91		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2431345

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1932773-3 WG1932773-4								
Methylene chloride	111		106		70-130	5		30
1,1-Dichloroethane	99		96		70-130	3		30
Chloroform	99		94		70-130	5		30
Carbon tetrachloride	94		89		70-130	5		30
1,2-Dichloropropane	104		102		70-130	2		30
Dibromochloromethane	98		93		70-130	5		30
1,1,2-Trichloroethane	111		110		70-130	1		30
Tetrachloroethene	90		86		70-130	5		30
Chlorobenzene	103		99		70-130	4		30
Trichlorofluoromethane	125		116		70-139	7		30
1,2-Dichloroethane	103		101		70-130	2		30
1,1,1-Trichloroethane	101		98		70-130	3		30
Bromodichloromethane	98		97		70-130	1		30
trans-1,3-Dichloropropene	116		112		70-130	4		30
cis-1,3-Dichloropropene	105		103		70-130	2		30
Bromoform	90		88		70-130	2		30
1,1,2,2-Tetrachloroethane	109		100		70-130	9		30
Benzene	102		99		70-130	3		30
Toluene	103		100		70-130	3		30
Ethylbenzene	108		104		70-130	4		30
Chloromethane	95		87		52-130	9		30
Bromomethane	118		108		57-147	9		30
Vinyl chloride	109		103		67-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2431345

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1932773-3 WG1932773-4								
Chloroethane	131		122		50-151	7		30
1,1-Dichloroethene	113		110		65-135	3		30
trans-1,2-Dichloroethene	128		125		70-130	2		30
Trichloroethene	109		109		70-130	0		30
1,2-Dichlorobenzene	104		99		70-130	5		30
1,3-Dichlorobenzene	104		101		70-130	3		30
1,4-Dichlorobenzene	104		99		70-130	5		30
Methyl tert butyl ether	**131**	Q	111		66-130	17		30
p/m-Xylene	104		101		70-130	3		30
o-Xylene	102		100		70-130	2		30
cis-1,2-Dichloroethene	97		91		70-130	6		30
Styrene	105		104		70-130	1		30
Dichlorodifluoromethane	86		78		30-146	10		30
Acetone	122		125		54-140	2		30
Carbon disulfide	110		107		59-130	3		30
2-Butanone	99		95		70-130	4		30
4-Methyl-2-pentanone	113		110		70-130	3		30
2-Hexanone	118		112		70-130	5		30
Bromochloromethane	90		83		70-130	8		30
1,2-Dibromoethane	105		101		70-130	4		30
1,2-Dibromo-3-chloropropane	93		93		68-130	0		30
Isopropylbenzene	110		109		70-130	1		30
1,2,3-Trichlorobenzene	93		89		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2431345
Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1932773-3 WG1932773-4								
1,2,4-Trichlorobenzene	97		91		70-130	6		30
Methyl Acetate	**149**	Q	**149**	Q	51-146	0		30
Cyclohexane	99		100		59-142	1		30
1,4-Dioxane	104		110		65-136	6		30
Freon-113	114		109		50-139	4		30
Methyl cyclohexane	97		99		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		108		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	109		110		70-130
Dibromofluoromethane	91		91		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2431345

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1933153-3 WG1933153-4								
Methylene chloride	106		104		70-130	2		30
1,1-Dichloroethane	93		**142**	Q	70-130	**42**	Q	30
Chloroform	93		96		70-130	3		30
Carbon tetrachloride	86		90		70-130	5		30
1,2-Dichloropropane	97		101		70-130	4		30
Dibromochloromethane	91		93		70-130	2		30
1,1,2-Trichloroethane	106		108		70-130	2		30
Tetrachloroethene	85		88		70-130	3		30
Chlorobenzene	96		100		70-130	4		30
Trichlorofluoromethane	115		110		70-139	4		30
1,2-Dichloroethane	98		101		70-130	3		30
1,1,1-Trichloroethane	93		97		70-130	4		30
Bromodichloromethane	92		96		70-130	4		30
trans-1,3-Dichloropropene	108		111		70-130	3		30
cis-1,3-Dichloropropene	98		102		70-130	4		30
Bromoform	86		85		70-130	1		30
1,1,2,2-Tetrachloroethane	112		107		70-130	5		30
Benzene	96		98		70-130	2		30
Toluene	95		100		70-130	5		30
Ethylbenzene	101		106		70-130	5		30
Chloromethane	86		86		52-130	0		30
Bromomethane	98		97		57-147	1		30
Vinyl chloride	104		101		67-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2431345

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1933153-3 WG1933153-4								
Chloroethane	123		118		50-151	4		30
1,1-Dichloroethene	106		105		65-135	1		30
trans-1,2-Dichloroethene	121		118		70-130	3		30
Trichloroethene	97		106		70-130	9		30
1,2-Dichlorobenzene	98		98		70-130	0		30
1,3-Dichlorobenzene	98		98		70-130	0		30
1,4-Dichlorobenzene	97		97		70-130	0		30
Methyl tert butyl ether	**153**	Q	**145**	Q	66-130	5		30
p/m-Xylene	98		102		70-130	4		30
o-Xylene	96		100		70-130	4		30
cis-1,2-Dichloroethene	91		91		70-130	0		30
Styrene	101		104		70-130	3		30
Dichlorodifluoromethane	78		77		30-146	1		30
Acetone	131		133		54-140	2		30
Carbon disulfide	105		99		59-130	6		30
2-Butanone	102		104		70-130	2		30
4-Methyl-2-pentanone	113		115		70-130	2		30
2-Hexanone	117		118		70-130	1		30
Bromochloromethane	83		80		70-130	4		30
1,2-Dibromoethane	101		102		70-130	1		30
1,2-Dibromo-3-chloropropane	92		93		68-130	1		30
Isopropylbenzene	104		105		70-130	1		30
1,2,3-Trichlorobenzene	87		85		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2431345
Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1933153-3 WG1933153-4								
1,2,4-Trichlorobenzene	87		87		70-130	0		30
Methyl Acetate	**156**	Q	145		51-146	7		30
Cyclohexane	94		97		59-142	3		30
1,4-Dioxane	108		108		65-136	0		30
Freon-113	109		106		50-139	3		30
Methyl cyclohexane	92		95		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		104		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	110		106		70-130
Dibromofluoromethane	93		90		70-130

SEMIVOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-01
Client ID: TB-DOC8-060524-0800
Sample Location: ROCHESTER, NY

Date Collected: 06/05/24 08:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 11:40
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/08/24 22:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	980		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	14000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	1800		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	460		ug/kg	180	63.	1
Butyl benzyl phthalate	680		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	8100	E	ug/kg	110	21.	1
Benzo(a)pyrene	6900		ug/kg	150	45.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-01 Date Collected: 06/05/24 08:00

Client ID: TB-DOC8-060524-0800 Date Received: 06/05/24

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						
Benzo(b)fluoranthene	12000	E	ug/kg	110	31.	1
Benzo(k)fluoranthene	2100		ug/kg	110	29.	1
Chrysene	8000	E	ug/kg	110	19.	1
Acenaphthylene	920		ug/kg	150	28.	1
Anthracene	3000		ug/kg	110	36.	1
Benzo(ghi)perylene	4400		ug/kg	150	22.	1
Fluorene	850		ug/kg	180	18.	1
Phenanthrene	9000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1200		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	4800		ug/kg	150	26.	1
Pyrene	11000	E	ug/kg	110	18.	1
Biphenyl	220	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	1000		ug/kg	180	17.	1
2-Methylnaphthalene	1700		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	84	J	ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	48	J	ug/kg	180	28.	1
2-Methylphenol	33	J	ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	80	J	ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	1400		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-01 Date Collected: 06/05/24 08:00

Client ID: TB-DOC8-060524-0800 Date Received: 06/05/24

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						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	45		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	60		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-01 D
Client ID: TB-DOC8-060524-0800
Sample Location: ROCHESTER, NY

Date Collected: 06/05/24 08:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 16:29
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/08/24 22:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	21000		ug/kg	550	100	5
Benzo(a)anthracene	10000		ug/kg	550	100	5
Benzo(b)fluoranthene	15000		ug/kg	550	150	5
Chrysene	11000		ug/kg	550	95.	5
Phenanthrene	13000		ug/kg	550	110	5
Pyrene	18000		ug/kg	550	91.	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-02
Client ID: TB-DOC9-060524-0820
Sample Location: ROCHESTER, NY

Date Collected: 06/05/24 08:20
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 09:24
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/08/24 22:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	210		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	5100		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	660		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	220		ug/kg	180	61.	1
Butyl benzyl phthalate	340		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	2600		ug/kg	100	20.	1
Benzo(a)pyrene	2400		ug/kg	140	43.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-02 Date Collected: 06/05/24 08:20

Client ID: TB-DOC9-060524-0820 Date Received: 06/05/24

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						
Benzo(b)fluoranthene	3700		ug/kg	100	30.	1
Benzo(k)fluoranthene	1200		ug/kg	100	28.	1
Chrysene	2800		ug/kg	100	18.	1
Acenaphthylene	570		ug/kg	140	27.	1
Anthracene	1000		ug/kg	100	34.	1
Benzo(ghi)perylene	1800		ug/kg	140	21.	1
Fluorene	220		ug/kg	180	17.	1
Phenanthrene	2700		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	440		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	1800		ug/kg	140	24.	1
Pyrene	4500		ug/kg	100	18.	1
Biphenyl	88	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	320		ug/kg	180	17.	1
2-Methylnaphthalene	640		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	78	J	ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	38	J	ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	470		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-02 Date Collected: 06/05/24 08:20

Client ID: TB-DOC9-060524-0820 Date Received: 06/05/24

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						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	66		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-03
Client ID: TB-DOC10-060524-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/05/24 08:50
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 09:46
Analyst: JG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/08/24 22:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	380		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	43	J	ug/kg	180	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	11000	E	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	1700		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	210		ug/kg	180	61.	1
Butyl benzyl phthalate	170	J	ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	7300	E	ug/kg	100	20.	1
Benzo(a)pyrene	6700		ug/kg	140	43.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-03 Date Collected: 06/05/24 08:50

Client ID: TB-DOC10-060524-0850 Date Received: 06/05/24

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						
Benzo(b)fluoranthene	12000	E	ug/kg	100	30.	1
Benzo(k)fluoranthene	2000		ug/kg	100	28.	1
Chrysene	7500	E	ug/kg	100	18.	1
Acenaphthylene	1100		ug/kg	140	27.	1
Anthracene	2000		ug/kg	100	34.	1
Benzo(ghi)perylene	4800		ug/kg	140	21.	1
Fluorene	360		ug/kg	180	17.	1
Phenanthrene	5200		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	1200		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	4800		ug/kg	140	24.	1
Pyrene	10000	E	ug/kg	100	17.	1
Biphenyl	120	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	580		ug/kg	180	16.	1
2-Methylnaphthalene	950		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	65	J	ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	46	J	ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	67	J	ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	670		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-03 Date Collected: 06/05/24 08:50

Client ID: TB-DOC10-060524-0850 Date Received: 06/05/24

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						
Caprolactam	ND		ug/kg	180	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	35.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	62		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2431345
Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-03 D
Client ID: TB-DOC10-060524-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/05/24 08:50
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 16:47
Analyst: JG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/08/24 22:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	17000		ug/kg	530	100	5
Benzo(a)anthracene	9500		ug/kg	530	99.	5
Benzo(b)fluoranthene	15000		ug/kg	530	150	5
Chrysene	9100		ug/kg	530	91.	5
Pyrene	15000		ug/kg	530	87.	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-04
Client ID: TB-DOC11-060524-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/05/24 09:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 12:25
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/08/24 22:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	710		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	16000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	1100		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	94	J	ug/kg	180	64.	1
Butyl benzyl phthalate	130	J	ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	11000	E	ug/kg	110	21.	1
Benzo(a)pyrene	9200	E	ug/kg	150	45.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-04 Date Collected: 06/05/24 09:00

Client ID: TB-DOC11-060524-0900 Date Received: 06/05/24

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						
Benzo(b)fluoranthene	12000	E	ug/kg	110	31.	1
Benzo(k)fluoranthene	3400		ug/kg	110	30.	1
Chrysene	9200	E	ug/kg	110	19.	1
Acenaphthylene	1800		ug/kg	150	29.	1
Anthracene	3600		ug/kg	110	36.	1
Benzo(ghi)perylene	6000		ug/kg	150	22.	1
Fluorene	910		ug/kg	180	18.	1
Phenanthrene	10000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1300		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	6100		ug/kg	150	26.	1
Pyrene	14000	E	ug/kg	110	18.	1
Biphenyl	130	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	620		ug/kg	180	18.	1
2-Methylnaphthalene	1200		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	86	J	ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	54	J	ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	81	J	ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	1100		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-04 Date Collected: 06/05/24 09:00

Client ID: TB-DOC11-060524-0900 Date Received: 06/05/24

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						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	48		30-120
2,4,6-Tribromophenol	51		10-136
4-Terphenyl-d14	51		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2431345
Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-04 D
Client ID: TB-DOC11-060524-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/05/24 09:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 17:05
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/08/24 22:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	26000		ug/kg	560	110	5
Benzo(a)anthracene	13000		ug/kg	560	100	5
Benzo(a)pyrene	14000		ug/kg	740	230	5
Benzo(b)fluoranthene	18000		ug/kg	560	160	5
Chrysene	12000		ug/kg	560	96.	5
Phenanthrene	15000		ug/kg	560	110	5
Pyrene	23000		ug/kg	560	92.	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-05
Client ID: TB-DOC12-060524-1000
Sample Location: ROCHESTER, NY

Date Collected: 06/05/24 10:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 11:17
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/08/24 22:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	200		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	24	J	ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	7100		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	1800		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	170	J	ug/kg	180	62.	1
Butyl benzyl phthalate	320		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	5300		ug/kg	110	20.	1
Benzo(a)pyrene	6100		ug/kg	140	44.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-05 Date Collected: 06/05/24 10:00

Client ID: TB-DOC12-060524-1000 Date Received: 06/05/24

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						
Benzo(b)fluoranthene	12000	E	ug/kg	110	30.	1
Benzo(k)fluoranthene	2400		ug/kg	110	28.	1
Chrysene	6600		ug/kg	110	18.	1
Acenaphthylene	1800		ug/kg	140	28.	1
Anthracene	2600		ug/kg	110	35.	1
Benzo(ghi)perylene	5100		ug/kg	140	21.	1
Fluorene	310		ug/kg	180	17.	1
Phenanthrene	3500		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1300		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	5100		ug/kg	140	25.	1
Pyrene	7400	E	ug/kg	110	18.	1
Biphenyl	170	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	750		ug/kg	180	17.	1
2-Methylnaphthalene	1700		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	88	J	ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	37	J	ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	68	J	ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	680		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	240	48.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-05 Date Collected: 06/05/24 10:00

Client ID: TB-DOC12-060524-1000 Date Received: 06/05/24

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						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	59		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2431345
Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-05 D
Client ID: TB-DOC12-060524-1000
Sample Location: ROCHESTER, NY

Date Collected: 06/05/24 10:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 17:23
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/08/24 22:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	17000		ug/kg	540	150	5
Pyrene	11000		ug/kg	540	89.	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/11/24 05:16
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/08/24 22:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1931676-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/11/24 05:16
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/08/24 22:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1931676-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2431345
Report Date: 06/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/11/24 05:16
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/08/24 22:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1931676-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	67		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2431345

Report Date: 06/18/24

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: WG1931676-2 WG1931676-3								
Acenaphthene	75		79		31-137	5		50
Hexachlorobenzene	76		81		40-140	6		50
Bis(2-chloroethyl)ether	64		69		40-140	8		50
2-Chloronaphthalene	77		85		40-140	10		50
3,3'-Dichlorobenzidine	71		79		40-140	11		50
2,4-Dinitrotoluene	86		92		40-132	7		50
2,6-Dinitrotoluene	87		96		40-140	10		50
Fluoranthene	83		87		40-140	5		50
4-Chlorophenyl phenyl ether	86		91		40-140	6		50
4-Bromophenyl phenyl ether	84		89		40-140	6		50
Bis(2-chloroisopropyl)ether	66		72		40-140	9		50
Bis(2-chloroethoxy)methane	67		72		40-117	7		50
Hexachlorobutadiene	80		89		40-140	11		50
Hexachlorocyclopentadiene	64		70		40-140	9		50
Hexachloroethane	64		68		40-140	6		50
Isophorone	71		76		40-140	7		50
Naphthalene	69		76		40-140	10		50
Nitrobenzene	72		80		40-140	11		50
NDPA/DPA	79		85		36-157	7		50
n-Nitrosodi-n-propylamine	70		76		32-121	8		50
Bis(2-ethylhexyl)phthalate	71		73		40-140	3		50
Butyl benzyl phthalate	75		79		40-140	5		50
Di-n-butylphthalate	76		79		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2431345

Report Date: 06/18/24

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: WG1931676-2 WG1931676-3								
Di-n-octylphthalate	66		71		40-140	7		50
Diethyl phthalate	75		81		40-140	8		50
Dimethyl phthalate	81		87		40-140	7		50
Benzo(a)anthracene	76		81		40-140	6		50
Benzo(a)pyrene	77		83		40-140	8		50
Benzo(b)fluoranthene	73		79		40-140	8		50
Benzo(k)fluoranthene	77		85		40-140	10		50
Chrysene	78		82		40-140	5		50
Acenaphthylene	80		86		40-140	7		50
Anthracene	80		83		40-140	4		50
Benzo(ghi)perylene	74		82		40-140	10		50
Fluorene	78		83		40-140	6		50
Phenanthrene	77		81		40-140	5		50
Dibenzo(a,h)anthracene	76		84		40-140	10		50
Indeno(1,2,3-cd)pyrene	73		84		40-140	14		50
Pyrene	84		86		35-142	2		50
Biphenyl	70		76		37-127	8		50
4-Chloroaniline	71		78		40-140	9		50
2-Nitroaniline	80		88		47-134	10		50
3-Nitroaniline	68		76		26-129	11		50
4-Nitroaniline	73		84		41-125	14		50
Dibenzofuran	76		84		40-140	10		50
2-Methylnaphthalene	76		83		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2431345

Report Date: 06/18/24

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: WG1931676-2 WG1931676-3								
1,2,4,5-Tetrachlorobenzene	76		82		40-117	8		50
Acetophenone	62		69		14-144	11		50
2,4,6-Trichlorophenol	86		92		30-130	7		50
p-Chloro-m-cresol	80		85		26-103	6		50
2-Chlorophenol	70		76		25-102	8		50
2,4-Dichlorophenol	80		85		30-130	6		50
2,4-Dimethylphenol	68		73		30-130	7		50
2-Nitrophenol	79		82		30-130	4		50
4-Nitrophenol	75		81		11-114	8		50
2,4-Dinitrophenol	82		89		4-130	8		50
4,6-Dinitro-o-cresol	93		100		10-130	7		50
Pentachlorophenol	71		76		17-109	7		50
Phenol	71		77		26-90	8		50
2-Methylphenol	71		78		30-130.	9		50
3-Methylphenol/4-Methylphenol	73		78		30-130	7		50
2,4,5-Trichlorophenol	88		99		30-130	12		50
Carbazole	77		80		54-128	4		50
Atrazine	77		82		40-140	6		50
Benzaldehyde	57		63		40-140	10		50
Caprolactam	71		76		15-130	7		50
2,3,4,6-Tetrachlorophenol	87		92		40-140	6		50
1,4-Dioxane	41		46		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2431345
Report Date: 06/18/24

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: WG1931676-2 WG1931676-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		79		25-120
Phenol-d6	72		78		10-120
Nitrobenzene-d5	72		80		23-120
2-Fluorobiphenyl	82		89		30-120
2,4,6-Tribromophenol	79		83		10-136
4-Terphenyl-d14	86		89		18-120

METALS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-01 Date Collected: 06/05/24 08:00

Client ID: TB-DOC8-060524-0800 Date Received: 06/05/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2760		mg/kg	8.65	2.34	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Antimony, Total	6.98		mg/kg	4.33	0.329	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Arsenic, Total	249		mg/kg	0.865	0.180	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Barium, Total	81.9		mg/kg	0.865	0.150	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Beryllium, Total	0.462		mg/kg	0.433	0.029	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Cadmium, Total	0.732	J	mg/kg	0.865	0.085	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Calcium, Total	15600		mg/kg	8.65	3.03	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Chromium, Total	11.2		mg/kg	0.865	0.083	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Cobalt, Total	5.35		mg/kg	1.73	0.144	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Copper, Total	93.8		mg/kg	0.865	0.223	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Iron, Total	32200		mg/kg	8.65	1.56	4	06/12/24 02:26	06/12/24 14:12	EPA 3050B	1,6010D	JTS
Lead, Total	238		mg/kg	4.33	0.232	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Magnesium, Total	4310		mg/kg	8.65	1.33	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Manganese, Total	274		mg/kg	0.865	0.138	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Mercury, Total	0.302		mg/kg	0.075	0.049	1	06/12/24 03:13	06/12/24 10:52	EPA 7471B	1,7471B	JWN
Nickel, Total	14.4		mg/kg	2.16	0.209	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Potassium, Total	364		mg/kg	216	12.4	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Selenium, Total	0.828	J	mg/kg	1.73	0.223	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Silver, Total	1.01		mg/kg	0.433	0.245	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Sodium, Total	78.4	J	mg/kg	173	2.72	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Thallium, Total	0.480	J	mg/kg	1.73	0.272	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Vanadium, Total	15.2		mg/kg	0.865	0.176	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS
Zinc, Total	162		mg/kg	4.33	0.254	2	06/12/24 02:26	06/12/24 12:24	EPA 3050B	1,6010D	JTS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-02 Date Collected: 06/05/24 08:20

Client ID: TB-DOC9-060524-0820 Date Received: 06/05/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3740		mg/kg	8.68	2.34	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Antimony, Total	2.49	J	mg/kg	4.34	0.330	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Arsenic, Total	54.0		mg/kg	0.868	0.181	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Barium, Total	63.1		mg/kg	0.868	0.151	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Beryllium, Total	0.376	J	mg/kg	0.434	0.029	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Cadmium, Total	0.289	J	mg/kg	0.868	0.085	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Calcium, Total	11600		mg/kg	8.68	3.04	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Chromium, Total	8.83		mg/kg	0.868	0.083	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Cobalt, Total	4.51		mg/kg	1.74	0.144	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Copper, Total	46.2		mg/kg	0.868	0.224	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Iron, Total	18600		mg/kg	4.34	0.784	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Lead, Total	123		mg/kg	4.34	0.233	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Magnesium, Total	2960		mg/kg	8.68	1.34	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Manganese, Total	242		mg/kg	0.868	0.138	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Mercury, Total	0.253		mg/kg	0.074	0.048	1	06/12/24 03:13	06/12/24 10:55	EPA 7471B	1,7471B	JWN
Nickel, Total	11.3		mg/kg	2.17	0.210	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Potassium, Total	317		mg/kg	217	12.5	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Selenium, Total	0.258	J	mg/kg	1.74	0.224	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Silver, Total	0.428	J	mg/kg	0.434	0.246	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Sodium, Total	50.9	J	mg/kg	174	2.74	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Thallium, Total	ND		mg/kg	1.74	0.274	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Vanadium, Total	11.7		mg/kg	0.868	0.176	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS
Zinc, Total	78.5		mg/kg	4.34	0.254	2	06/12/24 02:26	06/12/24 12:27	EPA 3050B	1,6010D	JTS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-03 Date Collected: 06/05/24 08:50

Client ID: TB-DOC10-060524-0850 Date Received: 06/05/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3400		mg/kg	8.20	2.21	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Antimony, Total	3.22	J	mg/kg	4.10	0.312	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Arsenic, Total	113		mg/kg	0.820	0.171	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Barium, Total	72.8		mg/kg	0.820	0.143	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Beryllium, Total	0.349	J	mg/kg	0.410	0.027	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Cadmium, Total	0.630	J	mg/kg	0.820	0.080	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Calcium, Total	31700		mg/kg	8.20	2.87	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Chromium, Total	9.07		mg/kg	0.820	0.079	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Cobalt, Total	4.50		mg/kg	1.64	0.136	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Copper, Total	81.6		mg/kg	0.820	0.212	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Iron, Total	18600		mg/kg	4.10	0.741	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Lead, Total	198		mg/kg	4.10	0.220	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Magnesium, Total	4190		mg/kg	8.20	1.26	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Manganese, Total	192		mg/kg	0.820	0.130	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Mercury, Total	0.240		mg/kg	0.068	0.044	1	06/12/24 03:13	06/12/24 10:59	EPA 7471B	1,7471B	JWN
Nickel, Total	14.8		mg/kg	2.05	0.198	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Potassium, Total	298		mg/kg	205	11.8	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Selenium, Total	0.386	J	mg/kg	1.64	0.212	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Silver, Total	0.529		mg/kg	0.410	0.232	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Sodium, Total	121	J	mg/kg	164	2.58	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Thallium, Total	0.324	J	mg/kg	1.64	0.258	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Vanadium, Total	8.56		mg/kg	0.820	0.166	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS
Zinc, Total	131		mg/kg	4.10	0.240	2	06/12/24 02:26	06/12/24 12:31	EPA 3050B	1,6010D	JTS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-04 Date Collected: 06/05/24 09:00

Client ID: TB-DOC11-060524-0900 Date Received: 06/05/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2380		mg/kg	8.83	2.38	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Antimony, Total	2.49	J	mg/kg	4.41	0.335	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Arsenic, Total	47.4		mg/kg	0.883	0.184	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Barium, Total	66.0		mg/kg	0.883	0.154	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Beryllium, Total	0.269	J	mg/kg	0.441	0.029	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Cadmium, Total	1.16		mg/kg	0.883	0.087	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Calcium, Total	47700		mg/kg	8.83	3.09	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Chromium, Total	11.9		mg/kg	0.883	0.085	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Cobalt, Total	4.08		mg/kg	1.76	0.146	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Copper, Total	93.2		mg/kg	0.883	0.228	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Iron, Total	19600		mg/kg	4.41	0.797	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Lead, Total	311		mg/kg	4.41	0.236	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Magnesium, Total	6740		mg/kg	8.83	1.36	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Manganese, Total	230		mg/kg	0.883	0.140	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Mercury, Total	0.388		mg/kg	0.079	0.052	1	06/12/24 03:13	06/12/24 11:02	EPA 7471B	1,7471B	JWN
Nickel, Total	16.0		mg/kg	2.21	0.214	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Potassium, Total	328		mg/kg	221	12.7	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Selenium, Total	ND		mg/kg	1.76	0.228	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Silver, Total	0.692		mg/kg	0.441	0.250	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Sodium, Total	127	J	mg/kg	176	2.78	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Thallium, Total	0.293	J	mg/kg	1.76	0.278	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Vanadium, Total	10.3		mg/kg	0.883	0.179	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS
Zinc, Total	172		mg/kg	4.41	0.259	2	06/12/24 02:26	06/12/24 12:34	EPA 3050B	1,6010D	JTS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-05 Date Collected: 06/05/24 10:00

Client ID: TB-DOC12-060524-1000 Date Received: 06/05/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2400		mg/kg	8.57	2.31	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Antimony, Total	4.32		mg/kg	4.28	0.326	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Arsenic, Total	146		mg/kg	0.857	0.178	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Barium, Total	68.3		mg/kg	0.857	0.149	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Beryllium, Total	0.351	J	mg/kg	0.428	0.028	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Cadmium, Total	0.810	J	mg/kg	0.857	0.084	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Calcium, Total	62100		mg/kg	8.57	3.00	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Chromium, Total	10.6		mg/kg	0.857	0.082	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Cobalt, Total	4.92		mg/kg	1.71	0.142	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Copper, Total	87.8		mg/kg	0.857	0.221	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Iron, Total	22200		mg/kg	4.28	0.774	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Lead, Total	241		mg/kg	4.28	0.230	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Magnesium, Total	7910		mg/kg	8.57	1.32	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Manganese, Total	258		mg/kg	0.857	0.136	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Mercury, Total	0.273		mg/kg	0.074	0.048	1	06/12/24 03:13	06/12/24 11:05	EPA 7471B	1,7471B	JWN
Nickel, Total	14.6		mg/kg	2.14	0.207	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Potassium, Total	303		mg/kg	214	12.3	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Selenium, Total	ND		mg/kg	1.71	0.221	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Silver, Total	0.906		mg/kg	0.428	0.242	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Sodium, Total	78.6	J	mg/kg	171	2.70	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Thallium, Total	0.457	J	mg/kg	1.71	0.270	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Vanadium, Total	10.9		mg/kg	0.857	0.174	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS
Zinc, Total	166		mg/kg	4.28	0.251	2	06/12/24 02:26	06/12/24 12:38	EPA 3050B	1,6010D	JTS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2431345

Project Number: 0200336-002 **Report Date:** 06/18/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1932608-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Barium, Total	ND		mg/kg	0.400	0.070	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Copper, Total	ND		mg/kg	0.400	0.103	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Iron, Total	2.02		mg/kg	2.00	0.361	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Lead, Total	ND		mg/kg	2.00	0.107	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Potassium, Total	ND		mg/kg	100	5.76	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Silver, Total	ND		mg/kg	0.200	0.113	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/12/24 02:26	06/12/24 11:42	1,6010D	JTS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1932610-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/12/24 03:13	06/12/24 10:15	1,7471B	JWN

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2431345
Report Date: 06/18/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2431345

Report Date: 06/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1932608-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	104		-		80-120	-		
Arsenic, Total	99		-		80-120	-		
Barium, Total	99		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Calcium, Total	103		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	100		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	102		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	104		-		80-120	-		
Manganese, Total	98		-		80-120	-		
Nickel, Total	101		-		80-120	-		
Potassium, Total	105		-		80-120	-		
Selenium, Total	103		-		80-120	-		
Silver, Total	102		-		80-120	-		
Sodium, Total	105		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	100		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2431345

Report Date: 06/18/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1932608-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1932610-2					
Mercury, Total	103	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2431345
Report Date: 06/18/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1932608-3 QC Sample: L2431252-01 Client ID: MS Sample												
Aluminum, Total	7350	179	6840	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	44.8	35.0	78		-	-		75-125	-		20
Arsenic, Total	8.06	10.8	16.4	77		-	-		75-125	-		20
Barium, Total	35.8	179	177	79		-	-		75-125	-		20
Beryllium, Total	0.332J	4.48	3.96	88		-	-		75-125	-		20
Cadmium, Total	0.194J	4.75	3.98	84		-	-		75-125	-		20
Calcium, Total	14200	897	22700	**948**	Q	-	-		75-125	-		20
Chromium, Total	10.4	17.9	24.1	76		-	-		75-125	-		20
Cobalt, Total	7.64	44.8	41.5	76		-	-		75-125	-		20
Copper, Total	29.5	22.4	44.9	**69**	Q	-	-		75-125	-		20
Iron, Total	18900	89.7	16400	**0**	Q	-	-		75-125	-		20
Lead, Total	12.2	47.5	50.6	81		-	-		75-125	-		20
Magnesium, Total	5890	897	10200	**480**	Q	-	-		75-125	-		20
Manganese, Total	617	44.8	576	**0**	Q	-	-		75-125	-		20
Nickel, Total	19.8	44.8	51.6	**71**	Q	-	-		75-125	-		20
Potassium, Total	312	897	1040	81		-	-		75-125	-		20
Selenium, Total	ND	10.8	8.12	75		-	-		75-125	-		20
Silver, Total	0.295J	4.48	4.06	90		-	-		75-125	-		20
Sodium, Total	63.2J	897	874	97		-	-		75-125	-		20
Thallium, Total	ND	10.8	8.96	83		-	-		75-125	-		20
Vanadium, Total	12.1	44.8	48.0	80		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2431345
Report Date: 06/18/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1932608-3 QC Sample: L2431252-01 Client ID: MS Sample										
Zinc, Total	92.3	44.8	113	**46**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1932610-3 QC Sample: L2431252-01 Client ID: MS Sample										
Mercury, Total	ND	1.51	1.58	104		-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2431345

Report Date: 06/18/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1932608-4 QC Sample: L2431252-01 Client ID: DUP Sample						
Arsenic, Total	8.06	9.59	mg/kg	17		20
Barium, Total	35.8	40.3	mg/kg	12		20
Beryllium, Total	0.332J	0.365J	mg/kg	NC		20
Cadmium, Total	0.194J	0.226J	mg/kg	NC		20
Chromium, Total	10.4	11.9	mg/kg	13		20
Copper, Total	29.5	34.2	mg/kg	15		20
Lead, Total	12.2	13.6	mg/kg	11		20
Manganese, Total	617	785	mg/kg	**24**	Q	20
Nickel, Total	19.8	22.6	mg/kg	13		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	0.295J	0.285J	mg/kg	NC		20
Zinc, Total	92.3	102	mg/kg	10		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1932610-4 QC Sample: L2431252-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2431345
Report Date: 06/18/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1932608-6 QC Sample: L2431252-01 Client ID: DUP Sample						
Barium, Total	35.8	36.9	mg/kg	3		20
Copper, Total	29.5	29.0	mg/kg	2		20
Manganese, Total	617	651	mg/kg	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2431345
Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-01
Client ID: TB-DOC8-060524-0800
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/05/24 08:00
Date Received: 06/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	06/07/24 01:04	121,2540G	WJM

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2431345
Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-02
Client ID: TB-DOC9-060524-0820
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/05/24 08:20
Date Received: 06/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	06/07/24 01:04	121,2540G	WJM

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2431345
Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-03
Client ID: TB-DOC10-060524-0850
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/05/24 08:50
Date Received: 06/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.7		%	0.100	NA	1	-	06/07/24 01:04	121,2540G	WJM

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2431345
Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-04
Client ID: TB-DOC11-060524-0900
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/05/24 09:00
Date Received: 06/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	06/07/24 01:04	121,2540G	WJM

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2431345
Report Date: 06/18/24

SAMPLE RESULTS

Lab ID: L2431345-05
Client ID: TB-DOC12-060524-1000
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/05/24 10:00
Date Received: 06/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	06/07/24 01:04	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2431345

Report Date: 06/18/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1930884-1 QC Sample: L2431245-01 Client ID: DUP Sample						
Solids, Total	86.5	86.2	%	0		20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2431345
Report Date: 06/18/24

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(*)
L2431345-01A	Vial MeOH preserved	A	NA		5.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2431345-01B	Vial water preserved	A	NA		5.4	Y	Absent	06-JUN-24 12:43	NYTCL-8260HLW-R2(14)
L2431345-01C	Vial water preserved	A	NA		5.4	Y	Absent	06-JUN-24 12:43	NYTCL-8260HLW-R2(14)
L2431345-01D	Plastic 120ml unpreserved	A	NA		5.4	Y	Absent		TS(7)
L2431345-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2431345-01F	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14)
L2431345-02A	Vial MeOH preserved	A	NA		5.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2431345-02B	Vial water preserved	A	NA		5.4	Y	Absent	06-JUN-24 12:43	NYTCL-8260HLW-R2(14)
L2431345-02C	Vial water preserved	A	NA		5.4	Y	Absent	06-JUN-24 12:43	NYTCL-8260HLW-R2(14)
L2431345-02D	Plastic 120ml unpreserved	A	NA		5.4	Y	Absent		TS(7)
L2431345-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2431345-02F	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14)
L2431345-03A	Vial MeOH preserved	A	NA		5.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2431345-03B	Vial water preserved	A	NA		5.4	Y	Absent	06-JUN-24 12:43	NYTCL-8260HLW-R2(14)
L2431345-03C	Vial water preserved	A	NA		5.4	Y	Absent	06-JUN-24 12:43	NYTCL-8260HLW-R2(14)
L2431345-03D	Plastic 120ml unpreserved	A	NA		5.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2431345-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2431345-03F	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14)
L2431345-04A	Vial MeOH preserved	A	NA		5.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2431345-04B	Vial water preserved	A	NA		5.4	Y	Absent	06-JUN-24 12:43	NYTCL-8260HLW-R2(14)
L2431345-04C	Vial water preserved	A	NA		5.4	Y	Absent	06-JUN-24 12:43	NYTCL-8260HLW-R2(14)
L2431345-04D	Plastic 120ml unpreserved	A	NA		5.4	Y	Absent		TS(7)
L2431345-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2431345-04F	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14)
L2431345-05A	Vial MeOH preserved	A	NA		5.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2431345-05B	Vial water preserved	A	NA		5.4	Y	Absent	06-JUN-24 12:43	NYTCL-8260HLW-R2(14)
L2431345-05C	Vial water preserved	A	NA		5.4	Y	Absent	06-JUN-24 12:43	NYTCL-8260HLW-R2(14)
L2431345-05D	Plastic 120ml unpreserved	A	NA		5.4	Y	Absent		TS(7)
L2431345-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2431345-05F	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2431345
Project Number:	0200336-002	**Report Date:**	06/18/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2431345
Project Number:	0200336-002	**Report Date:**	06/18/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2431345
Project Number:	0200336-002	**Report Date:**	06/18/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2431345
Project Number:	0200336-002	**Report Date:**	06/18/24

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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

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: 6/6/24

ALPHA Job #: L2431345

Project Information
Project Name: 65 TROWBRIDGE - Documentation samples
Project Location: Rochester, NY
Project #: 0200336-002
(Use Project name as Project #): ☐
Project Manager: J. SZUCS
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:

Client Information
Client:
Address: 200 Town Centre Dr. Suite 2, Rochester, NY
Phone: 585-359-9000
Fax:
Email: JSZUCS@haleyaldrich.com

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CC: smckenna@haleyaldrich.com kbartlett@haleyaldrich.com ewhite@haleyaldrich.com

Please specify Metals or TAL.

ANALYSIS
- TCL VOCs 8260
- TCL SVOCs 8270
- TAL Metals 6010
- PCBs 8081
- Pesticides 8081
- Herbicides 8151
- PFAS 1633

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 VOCs 8260	TCL SVOCs 8270	TAL Metals 6010	PCBs 8081	Pesticides 8081	Herbicides 8151	PFAS 1633	Sample Specific Comments	Total Bottles
31345-01	TB-DOC8-060524-0800	6/5/24	08:00	S	KB	X	X	X						3
-02	TB-DOC9-060524-0820		08:20		KB	X	X	X						3
-03	TB-DOC10-060524-0850		08:50		KB	X	X	X						3
-04	TB-DOC11-060524-0900		09:00		KB	X	X	X						3
-05	TB-DOC12-060524-1000		10:00		KB	X	X	X						3

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	A	
Preservative	F	A	A	

Relinquished By:	Date/Time	Received By:	Date/Time
	6/5/24 15:32	SECURE STORAGE PACE	6/5/24 1532
SECURE STORAGE PACE	6/5/24 17:50	Jeff Mayol PACE	6/5/24 1750
Jeff Mayol PACE	6/5/24 1750		6/6/24 0140

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:	L2433099
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-DOC. SAMPLES
Project Number:	0200336-002
Report Date:	06/26/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2433099-01	TB-DOC13-061224-0830	SOIL	ROCHESTER, NY	06/12/24 08:30	06/12/24
L2433099-02	TB-DOC14-061224-0840	SOIL	ROCHESTER, NY	06/12/24 08:40	06/12/24
L2433099-03	TB-DOC15-061224-0850	SOIL	ROCHESTER, NY	06/12/24 08:50	06/12/24
L2433099-04	TB-DOC16-061224-0920	SOIL	ROCHESTER, NY	06/12/24 09:20	06/12/24
L2433099-05	TB-DOC17-061224-0930	SOIL	ROCHESTER, NY	06/12/24 09:30	06/12/24
L2433099-06	TB-DOC18-061224-0940	SOIL	ROCHESTER, NY	06/12/24 09:40	06/12/24
L2433099-07	TB-DOC19-061224-1000	SOIL	ROCHESTER, NY	06/12/24 10:00	06/12/24
L2433099-08	TB-DOC20-061224-1010	SOIL	ROCHESTER, NY	06/12/24 10:10	06/12/24
L2433099-09	TB-DOC21-061224-1300	SOIL	ROCHESTER, NY	06/12/24 13:00	06/12/24
L2433099-10	TB-DOC22-061224-1320	SOIL	ROCHESTER, NY	06/12/24 13:20	06/12/24
L2433099-11	4444-061224-0001	SOIL	ROCHESTER, NY	06/12/24 00:00	06/12/24

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433099
Project Number:	0200336-002	**Report Date:**	06/26/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433099
Project Number:	0200336-002	**Report Date:**	06/26/24

Case Narrative (continued)

Report Submission

June 26, 2024: This final report includes the results of all requested analyses.

June 25, 2024: This is a preliminary report.

June 20, 2024: This is a preliminary report.

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

Sample Receipt

The analyses performed were specified by the client.

Volatile Organics

L2433099-02: The internal standard (IS) response(s) for 1,4-dichlorobenzene-d4 (29%) and the surrogate recovery for 1,2-dichloroethane-d4 (135%) were outside the acceptance criteria; however, re-analysis achieved the following results: 1,4-dichlorobenzene-d4 (39%). The results of both analyses are reported.

L2433099-03: The internal standard (IS) response(s) for fluorobenzene (10%), chlorobenzene-d5 (10%), and 1,4-dichlorobenzene-d4 (9%) and the surrogate recovery for 1,2-dichloroethane-d4 (137%) were outside the acceptance criteria; however, re-analysis achieved the following results: fluorobenzene (21%), chlorobenzene-d5 (16%), and 1,4-dichlorobenzene-d4 (10%). The results of both analyses are reported. Because the internal standard responses were below the rejection criteria at less than 20% recovery, a high-level analysis was performed and those results are also reported.

The WG1936380-3/-4 LCS/LCSD recoveries, associated with L2433099-02R and -03R, are above the individual acceptance criteria for chloromethane (152%/140%), but within the overall method allowances. The results of the associated samples are reported.

The WG1936437-6/-7 MS/MSD recoveries, performed on L2433099-08, are below the acceptance criteria for methylene chloride (62%/69%), chloroform (63%/67%), 1,2-dichloropropane (62%/65%), dibromochloromethane (47%/51%), 1,1,2-trichloroethane (54%/58%), tetrachloroethene (43%/40%),

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433099
Project Number:	0200336-002	**Report Date:**	06/26/24

Case Narrative (continued)

chlorobenzene (28%), 1,2-dichloroethane (49%/57%), bromodichloromethane (53%/57%), trans-1,3-dichloropropene (24%/30%), cis-1,3-dichloropropene (34%/39%), bromoform (43%/47%), 1,1,2,2-tetrachloroethane (51%/55%), benzene (61%/62%), toluene (46%/45%), ethylbenzene (31%/28%), trans-1,2-dichloroethene (53%/60%), trichloroethene (46%/48%), 1,2-dichlorobenzene (18%/17%), 1,3-dichlorobenzene (16%/15%), 1,4-dichlorobenzene (14%/13%), p/m-xylene (30%/27%), o-xylene (33%/30%), cis-1,2-dichloroethene (48%/54%), styrene (24%/23%), carbon disulfide (MS 58%), 2-hexanone (46%/56%), bromochloromethane (48%/55%), 1,2-dibromoethane (36%/42%), 1,2-dibromo-3-chloropropane (41%/48%), isopropylbenzene (30%/25%), 1,2,3-trichlorobenzene (11%/12%), and 1,2,4-trichlorobenzene (10%); however, the associated LCS/LCSD recoveries are within overall method allowances.

Semivolatile Organics

L2433099-02D, -04D, -10D, and -11D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2433099-06D: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2433099-06D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1935035-2/-3 LCS/LCSD recoveries, associated with L2433099-01, -01D, -02D, -03, -04D, -05, -06D2, -06D, -07, -08, -09, -10D, and -11D, are outside the acceptance criteria for p-chloro-m-cresol (109%), but within the overall method allowances. The results of the associated samples are reported.

The WG1935035-4 MS recovery, performed on L2433099-08, is below the acceptance criteria for 3,3'-dichlorobenzidine (MS 9%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

The WG1935035-5 MSD recoveries, performed on L2433099-08, are outside the acceptance criteria for 3,3'-dichlorobenzidine (11%) and benzo(ghi)perylene (27%).

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433099
Project Number:	0200336-002	**Report Date:**	06/26/24

Case Narrative (continued)

The WG1935035-4/-5 MS/MSD recoveries, performed on L2433099-08, are below the acceptance criteria for hexachlorocyclopentadiene (0%), 4-nitrophenol (MS 0%), 2,4-dinitrophenol (MSD 0%), 4,6-dinitro-o-cresol (0%) due to the concentration of these compounds in the MS/MSD falling below the reported detection limit.

Perfluorinated Alkyl Acids by 1633

WG1937801-1/-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1937801-2 LCS recovery, associated with L2433099-03 and -09, is above the acceptance criteria for n-ethyl perfluorooctanesulfonamidoacetic acid (netfosaa) (151%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analyses are reported.

Pesticides

L2433099-03: One or more dual column RPDs are above the acceptance criteria; however, obvious column interferences are present. The result is qualified with a "P" if the higher of the two results is reported. The result is qualified with an "IP" if the lower of the two results is reported.

Total Metals

L2433099-01 through -11: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1935625-1 Method Blank, associated with L2433099-01 through -11, has a concentration above the reporting limit for iron. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG1935625-3/-4 MS/MSD recoveries for aluminum (322%/132%), calcium (1120%/0%), iron (2180%/691%), lead (72%/52%), magnesium (389%/64%), manganese (138%/14%) and zinc (MS 50%), performed on L2433099-08, do not apply because the sample concentrations are greater than four times the spike amounts added.

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433099
Project Number:	0200336-002	**Report Date:**	06/26/24

Case Narrative (continued)

The WG1935625-3 MS recovery, performed on L2433099-08, is outside the acceptance criteria for copper (67%). A post digestion spike was performed and was within acceptance criteria.

The WG1935625-3/-4 MS/MSD RPDs for calcium (62%) and magnesium (40%), performed on L2433099-08, are above the acceptance criteria.

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

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 06/26/24

ORGANICS

VOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-01
Client ID: TB-DOC13-061224-0830
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:30
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 13:09
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-01 Date Collected: 06/12/24 08:30

Client ID: TB-DOC13-061224-0830 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	0.32	J	ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	38.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-02
Client ID: TB-DOC14-061224-0840
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:40
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 13:35
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.22	1
Chlorobenzene	0.36	J	ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.62	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-02 Date Collected: 06/12/24 08:40

Client ID: TB-DOC14-061224-0840 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	0.48	J	ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.22	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.5	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	92	40.	1
Freon-113	ND		ug/kg	4.6	0.80	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**135**	Q	70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	117		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-02 R
Client ID: TB-DOC14-061224-0840
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:40
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 22:33
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.22	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	0.30	J	ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1
Trichloroethene	ND		ug/kg	0.64	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-02 R
Client ID: TB-DOC14-061224-0840
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:40
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
Methyl Acetate	ND		ug/kg	5.2	1.2	1
Cyclohexane	ND		ug/kg	13	0.70	1
1,4-Dioxane	ND		ug/kg	100	45.	1
Freon-113	ND		ug/kg	5.2	0.89	1
Methyl cyclohexane	ND		ug/kg	5.2	0.78	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	101		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03
Client ID: TB-DOC15-061224-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:50
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 14:01
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	0.54		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03 Date Collected: 06/12/24 08:50

Client ID: TB-DOC15-061224-0850 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	0.72	J	ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**137**	Q	70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	129		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03
Client ID: TB-DOC15-061224-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:50
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/19/24 11:39
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	320	150	1
1,1-Dichloroethane	ND		ug/kg	64	9.3	1
Chloroform	11	J	ug/kg	96	9.0	1
Carbon tetrachloride	ND		ug/kg	64	15.	1
1,2-Dichloropropane	ND		ug/kg	64	8.0	1
Dibromochloromethane	ND		ug/kg	64	9.0	1
1,1,2-Trichloroethane	ND		ug/kg	64	17.	1
Tetrachloroethene	ND		ug/kg	32	12.	1
Chlorobenzene	ND		ug/kg	32	8.2	1
Trichlorofluoromethane	ND		ug/kg	260	45.	1
1,2-Dichloroethane	ND		ug/kg	64	16.	1
1,1,1-Trichloroethane	ND		ug/kg	32	11.	1
Bromodichloromethane	ND		ug/kg	32	7.0	1
trans-1,3-Dichloropropene	ND		ug/kg	64	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	32	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	32	11.	1
Benzene	36		ug/kg	32	11.	1
Toluene	170		ug/kg	64	35.	1
Ethylbenzene	69		ug/kg	64	9.0	1
Chloromethane	ND		ug/kg	260	60.	1
Bromomethane	ND		ug/kg	130	37.	1
Vinyl chloride	ND		ug/kg	64	22.	1
Chloroethane	ND		ug/kg	130	29.	1
1,1-Dichloroethene	ND		ug/kg	64	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	96	8.8	1
Trichloroethene	ND		ug/kg	32	8.8	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.2	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03 Date Collected: 06/12/24 08:50

Client ID: TB-DOC15-061224-0850 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	130	9.5	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	300		ug/kg	130	36.	1
o-Xylene	150		ug/kg	64	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	64	11.	1
Styrene	ND		ug/kg	64	12.	1
Dichlorodifluoromethane	ND		ug/kg	640	59.	1
Acetone	ND		ug/kg	640	310	1
Carbon disulfide	ND		ug/kg	640	290	1
2-Butanone	150	J	ug/kg	640	140	1
4-Methyl-2-pentanone	ND		ug/kg	640	82.	1
2-Hexanone	ND		ug/kg	640	76.	1
Bromochloromethane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	64	18.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	190	64.	1
Isopropylbenzene	22	J	ug/kg	64	7.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	17.	1
Methyl Acetate	210	J	ug/kg	260	61.	1
Cyclohexane	110	J	ug/kg	640	35.	1
1,4-Dioxane	ND		ug/kg	5100	2200	1
Freon-113	ND		ug/kg	260	44.	1
Methyl cyclohexane	360		ug/kg	260	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	100		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03 R
Client ID: TB-DOC15-061224-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:50
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 22:54
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	0.63	J	ug/kg	0.98	0.53	1
Ethylbenzene	0.53	J	ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03 R
Client ID: TB-DOC15-061224-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:50
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	0.74	J	ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.89	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.26	1
Methyl Acetate	ND		ug/kg	3.9	0.93	1
Cyclohexane	ND		ug/kg	9.8	0.53	1
1,4-Dioxane	ND		ug/kg	78	34.	1
Freon-113	ND		ug/kg	3.9	0.68	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	100		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-04
Client ID: TB-DOC16-061224-0920
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 09:20
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 14:27
Analyst: JIC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-04 Date Collected: 06/12/24 09:20

Client ID: TB-DOC16-061224-0920 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	12	0.67	1
1,4-Dioxane	ND		ug/kg	99	44.	1
Freon-113	ND		ug/kg	5.0	0.86	1
Methyl cyclohexane	ND		ug/kg	5.0	0.75	1

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

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-05
Client ID: TB-DOC17-061224-0930
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 09:30
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 14:53
Analyst: JIC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-05 Date Collected: 06/12/24 09:30

Client ID: TB-DOC17-061224-0930 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
Methyl Acetate	ND		ug/kg	4.1	0.98	1
Cyclohexane	ND		ug/kg	10	0.56	1
1,4-Dioxane	ND		ug/kg	83	36.	1
Freon-113	ND		ug/kg	4.1	0.72	1
Methyl cyclohexane	ND		ug/kg	4.1	0.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-06
Client ID: TB-DOC18-061224-0940
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 09:40
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 15:20
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-06 Date Collected: 06/12/24 09:40

Client ID: TB-DOC18-061224-0940 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	23		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Cyclohexane	ND		ug/kg	12	0.65	1
1,4-Dioxane	ND		ug/kg	96	42.	1
Freon-113	ND		ug/kg	4.8	0.83	1
Methyl cyclohexane	ND		ug/kg	4.8	0.72	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-07
Client ID: TB-DOC19-061224-1000
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 10:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 15:46
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.22	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.62	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-07 Date Collected: 06/12/24 10:00

Client ID: TB-DOC19-061224-1000 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.2	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.22	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.5	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.62	1
1,4-Dioxane	ND		ug/kg	92	40.	1
Freon-113	ND		ug/kg	4.6	0.80	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-08
Client ID: TB-DOC20-061224-1010
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 10:10
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 16:12
Analyst: JIC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-08 Date Collected: 06/12/24 10:10

Client ID: TB-DOC20-061224-1010 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	91	40.	1
Freon-113	ND		ug/kg	4.5	0.79	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-09
Client ID: TB-DOC21-061224-1300
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 13:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 16:38
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-09 Date Collected: 06/12/24 13:00

Client ID: TB-DOC21-061224-1300 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	89	39.	1
Freon-113	ND		ug/kg	4.4	0.77	1
Methyl cyclohexane	ND		ug/kg	4.4	0.67	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-10
Client ID: TB-DOC22-061224-1320
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 13:20
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 17:30
Analyst: JIC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	0.21	J	ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-10 Date Collected: 06/12/24 13:20

Client ID: TB-DOC22-061224-1320 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	87	38.	1
Freon-113	ND		ug/kg	4.4	0.75	1
Methyl cyclohexane	0.71	J	ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-11
Client ID: 4444-061224-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 00:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/18/24 17:04
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-11 Date Collected: 06/12/24 00:00

Client ID: 4444-061224-0001 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	93	41.	1
Freon-113	ND		ug/kg	4.6	0.81	1
Methyl cyclohexane	ND		ug/kg	4.6	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	104		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 19:44
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-03 Batch: WG1936380-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.31	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 19:44
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-03 Batch: WG1936380-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 19:44
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-03 Batch: WG1936380-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 09:41
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-11 Batch: WG1936437-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 09:41
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-11 Batch: WG1936437-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/18/24 09:41
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-11 Batch: WG1936437-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	99		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 08:09
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1936494-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 08:09
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1936494-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 08:09
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1936494-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-03 Batch: WG1936380-3 WG1936380-4								
Methylene chloride	86		75		70-130	14		30
1,1-Dichloroethane	93		90		70-130	3		30
Chloroform	103		98		70-130	5		30
Carbon tetrachloride	101		98		70-130	3		30
1,2-Dichloropropane	108		104		70-130	4		30
Dibromochloromethane	93		90		70-130	3		30
1,1,2-Trichloroethane	100		97		70-130	3		30
Tetrachloroethene	105		100		70-130	5		30
Chlorobenzene	99		96		70-130	3		30
Trichlorofluoromethane	105		101		70-139	4		30
1,2-Dichloroethane	108		106		70-130	2		30
1,1,1-Trichloroethane	104		100		70-130	4		30
Bromodichloromethane	95		94		70-130	1		30
trans-1,3-Dichloropropene	100		96		70-130	4		30
cis-1,3-Dichloropropene	100		97		70-130	3		30
Bromoform	84		83		70-130	1		30
1,1,2,2-Tetrachloroethane	78		78		70-130	0		30
Benzene	103		99		70-130	4		30
Toluene	100		96		70-130	4		30
Ethylbenzene	102		96		70-130	6		30
Chloromethane	**152**	Q	**140**	Q	52-130	8		30
Bromomethane	122		104		57-147	16		30
Vinyl chloride	110		104		67-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-03 Batch: WG1936380-3 WG1936380-4								
Chloroethane	100		92		50-151	8		30
1,1-Dichloroethene	89		86		65-135	3		30
trans-1,2-Dichloroethene	91		88		70-130	3		30
Trichloroethene	110		107		70-130	3		30
1,2-Dichlorobenzene	98		94		70-130	4		30
1,3-Dichlorobenzene	98		93		70-130	5		30
1,4-Dichlorobenzene	97		93		70-130	4		30
Methyl tert butyl ether	91		90		66-130	1		30
p/m-Xylene	104		97		70-130	7		30
o-Xylene	102		96		70-130	6		30
cis-1,2-Dichloroethene	92		88		70-130	4		30
Styrene	100		95		70-130	5		30
Dichlorodifluoromethane	138		128		30-146	8		30
Acetone	112		113		54-140	1		30
Carbon disulfide	100		94		59-130	6		30
2-Butanone	112		111		70-130	1		30
4-Methyl-2-pentanone	99		96		70-130	3		30
2-Hexanone	96		96		70-130	0		30
Bromochloromethane	100		94		70-130	6		30
1,2-Dibromoethane	99		96		70-130	3		30
1,2-Dibromo-3-chloropropane	84		84		68-130	0		30
Isopropylbenzene	99		95		70-130	4		30
1,2,3-Trichlorobenzene	96		93		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-03 Batch: WG1936380-3 WG1936380-4								
1,2,4-Trichlorobenzene	96		92		70-130	4		30
Methyl Acetate	103		104		51-146	1		30
Cyclohexane	115		111		59-142	4		30
1,4-Dioxane	109		105		65-136	4		30
Freon-113	103		97		50-139	6		30
Methyl cyclohexane	102		97		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		110		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	100		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG1936437-3 WG1936437-4								
Methylene chloride	101		94		70-130	7		30
1,1-Dichloroethane	90		81		70-130	11		30
Chloroform	90		82		70-130	9		30
Carbon tetrachloride	88		77		70-130	13		30
1,2-Dichloropropane	90		84		70-130	7		30
Dibromochloromethane	91		89		70-130	2		30
1,1,2-Trichloroethane	90		88		70-130	2		30
Tetrachloroethene	96		82		70-130	16		30
Chlorobenzene	91		83		70-130	9		30
Trichlorofluoromethane	96		82		70-139	16		30
1,2-Dichloroethane	88		87		70-130	1		30
1,1,1-Trichloroethane	91		79		70-130	14		30
Bromodichloromethane	89		86		70-130	3		30
trans-1,3-Dichloropropene	91		87		70-130	4		30
cis-1,3-Dichloropropene	92		89		70-130	3		30
Bromoform	90		92		70-130	2		30
1,1,2,2-Tetrachloroethane	91		93		70-130	2		30
Benzene	91		82		70-130	10		30
Toluene	93		82		70-130	13		30
Ethylbenzene	87		77		70-130	12		30
Chloromethane	93		80		52-130	15		30
Bromomethane	114		99		57-147	14		30
Vinyl chloride	94		78		67-130	19		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG1936437-3 WG1936437-4								
Chloroethane	92		78		50-151	16		30
1,1-Dichloroethene	93		80		65-135	15		30
trans-1,2-Dichloroethene	92		80		70-130	14		30
Trichloroethene	89		80		70-130	11		30
1,2-Dichlorobenzene	92		86		70-130	7		30
1,3-Dichlorobenzene	93		86		70-130	8		30
1,4-Dichlorobenzene	92		84		70-130	9		30
Methyl tert butyl ether	89		91		66-130	2		30
p/m-Xylene	91		79		70-130	14		30
o-Xylene	91		81		70-130	12		30
cis-1,2-Dichloroethene	91		83		70-130	9		30
Styrene	96		88		70-130	9		30
Dichlorodifluoromethane	103		86		30-146	18		30
Acetone	76		91		54-140	18		30
Carbon disulfide	90		77		59-130	16		30
2-Butanone	82		92		70-130	11		30
4-Methyl-2-pentanone	89		96		70-130	8		30
2-Hexanone	88		95		70-130	8		30
Bromochloromethane	94		91		70-130	3		30
1,2-Dibromoethane	93		93		70-130	0		30
1,2-Dibromo-3-chloropropane	89		93		68-130	4		30
Isopropylbenzene	89		78		70-130	13		30
1,2,3-Trichlorobenzene	94		92		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 Batch: WG1936437-3 WG1936437-4								
1,2,4-Trichlorobenzene	98		92		70-130	6		30
Methyl Acetate	88		94		51-146	7		30
Cyclohexane	91		78		59-142	15		30
1,4-Dioxane	91		100		65-136	9		30
Freon-113	97		83		50-139	16		30
Methyl cyclohexane	91		79		70-130	14		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		99		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	99		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1936494-3 WG1936494-4								
Methylene chloride	103		95		70-130	8		30
1,1-Dichloroethane	100		92		70-130	8		30
Chloroform	98		90		70-130	9		30
Carbon tetrachloride	102		94		70-130	8		30
1,2-Dichloropropane	97		90		70-130	7		30
Dibromochloromethane	95		91		70-130	4		30
1,1,2-Trichloroethane	94		88		70-130	7		30
Tetrachloroethene	106		96		70-130	10		30
Chlorobenzene	96		89		70-130	8		30
Trichlorofluoromethane	114		103		70-139	10		30
1,2-Dichloroethane	95		90		70-130	5		30
1,1,1-Trichloroethane	104		96		70-130	8		30
Bromodichloromethane	95		90		70-130	5		30
trans-1,3-Dichloropropene	94		87		70-130	8		30
cis-1,3-Dichloropropene	98		92		70-130	6		30
Bromoform	92		89		70-130	3		30
1,1,2,2-Tetrachloroethane	96		89		70-130	8		30
Benzene	100		92		70-130	8		30
Toluene	100		92		70-130	8		30
Ethylbenzene	95		86		70-130	10		30
Chloromethane	108		97		52-130	11		30
Bromomethane	121		110		57-147	10		30
Vinyl chloride	110		98		67-130	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1936494-3 WG1936494-4								
Chloroethane	106		94		50-151	12		30
1,1-Dichloroethene	106		97		65-135	9		30
trans-1,2-Dichloroethene	102		94		70-130	8		30
Trichloroethene	100		93		70-130	7		30
1,2-Dichlorobenzene	95		89		70-130	7		30
1,3-Dichlorobenzene	98		90		70-130	9		30
1,4-Dichlorobenzene	96		89		70-130	8		30
Methyl tert butyl ether	94		90		66-130	4		30
p/m-Xylene	97		89		70-130	9		30
o-Xylene	96		89		70-130	8		30
cis-1,2-Dichloroethene	98		91		70-130	7		30
Styrene	100		94		70-130	6		30
Dichlorodifluoromethane	119		107		30-146	11		30
Acetone	99		92		54-140	7		30
Carbon disulfide	103		94		59-130	9		30
2-Butanone	93		89		70-130	4		30
4-Methyl-2-pentanone	95		89		70-130	7		30
2-Hexanone	95		90		70-130	5		30
Bromochloromethane	98		93		70-130	5		30
1,2-Dibromoethane	97		92		70-130	5		30
1,2-Dibromo-3-chloropropane	96		91		68-130	5		30
Isopropylbenzene	97		87		70-130	11		30
1,2,3-Trichlorobenzene	96		90		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1936494-3 WG1936494-4								
1,2,4-Trichlorobenzene	101		93		70-130	8		30
Methyl Acetate	100		94		51-146	6		30
Cyclohexane	108		98		59-142	10		30
1,4-Dioxane	97		95		65-136	2		30
Freon-113	114		102		50-139	11		30
Methyl cyclohexane	106		96		70-130	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	101		103		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1936437-6 WG1936437-7 QC Sample: L2433099-08 Client ID: TB-DOC20-061224-1010												
Methylene chloride	ND	134	84	**62**	Q	83	**69**	Q	70-130	1		30
1,1-Dichloroethane	ND	134	99	74		92	77		70-130	8		30
Chloroform	ND	134	85	**63**	Q	80	**67**	Q	70-130	6		30
Carbon tetrachloride	ND	134	100	76		91	76		70-130	12		30
1,2-Dichloropropane	ND	134	83	**62**	Q	78	**65**	Q	70-130	7		30
Dibromochloromethane	ND	134	63	**47**	Q	61	**51**	Q	70-130	3		30
1,1,2-Trichloroethane	ND	134	72	**54**	Q	69	**58**	Q	70-130	4		30
Tetrachloroethene	ND	134	58	**43**	Q	48	**40**	Q	70-130	19		30
Chlorobenzene	ND	134	38	**28**	Q	34	**28**	Q	70-130	12		30
Trichlorofluoromethane	ND	134	140	102		120	103		70-139	11		30
1,2-Dichloroethane	ND	134	66	**49**	Q	68	**57**	Q	70-130	3		30
1,1,1-Trichloroethane	ND	134	110	80		97	81		70-130	11		30
Bromodichloromethane	ND	134	71	**53**	Q	68	**57**	Q	70-130	4		30
trans-1,3-Dichloropropene	ND	134	32	**24**	Q	36	**30**	Q	70-130	11		30
cis-1,3-Dichloropropene	ND	134	45	**34**	Q	47	**39**	Q	70-130	4		30
Bromoform	ND	134	57	**43**	Q	56	**47**	Q	70-130	2		30
1,1,2,2-Tetrachloroethane	ND	134	68	**51**	Q	65	**55**	Q	70-130	4		30
Benzene	ND	134	81	**61**	Q	75	**62**	Q	70-130	9		30
Toluene	ND	134	62	**46**	Q	54	**45**	Q	70-130	14		30
Ethylbenzene	ND	134	42	**31**	Q	34	**28**	Q	70-130	21		30
Chloromethane	ND	134	120	89		110	90		52-130	10		30
Bromomethane	ND	134	100	76		100	83		57-147	2		30
Vinyl chloride	ND	134	130	93		120	97		67-130	7		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1936437-6 WG1936437-7 QC Sample: L2433099-08 Client ID: TB-DOC20-061224-1010												
Chloroethane	ND	134	100	78		98	82		50-151	6		30
1,1-Dichloroethene	ND	134	110	85		110	88		65-135	7		30
trans-1,2-Dichloroethene	ND	134	71	**53**	Q	72	**60**	Q	70-130	2		30
Trichloroethene	ND	134	61	**46**	Q	58	**48**	Q	70-130	5		30
1,2-Dichlorobenzene	ND	134	24	**18**	Q	20	**17**	Q	70-130	16		30
1,3-Dichlorobenzene	ND	134	21	**16**	Q	18	**15**	Q	70-130	19		30
1,4-Dichlorobenzene	ND	134	19	**14**	Q	16	**13**	Q	70-130	20		30
Methyl tert butyl ether	ND	134	110	84		110	89		66-130	5		30
p/m-Xylene	ND	268	80	**30**	Q	64	**27**	Q	70-130	23		30
o-Xylene	ND	268	88	**33**	Q	72	**30**	Q	70-130	21		30
cis-1,2-Dichloroethene	ND	134	64	**48**	Q	65	**54**	Q	70-130	2		30
Styrene	ND	268	64	**24**	Q	56	**23**	Q	70-130	14		30
Dichlorodifluoromethane	ND	134	160	119		150	121		30-146	10		30
Acetone	ND	134	110	80		100	87		54-140	3		30
Carbon disulfide	ND	134	78	**58**	Q	78	65		59-130	0		30
2-Butanone	ND	134	96	72		97	81		70-130	1		30
4-Methyl-2-pentanone	ND	134	100	74		98	82		70-130	2		30
2-Hexanone	ND	134	62	**46**	Q	67	**56**	Q	70-130	7		30
Bromochloromethane	ND	134	64	**48**	Q	66	**55**	Q	70-130	3		30
1,2-Dibromoethane	ND	134	48	**36**	Q	51	**42**	Q	70-130	6		30
1,2-Dibromo-3-chloropropane	ND	134	56	**41**	Q	58	**48**	Q	68-130	4		30
Isopropylbenzene	ND	134	40	**30**	Q	30	**25**	Q	70-130	30		30
1,2,3-Trichlorobenzene	ND	134	15	**11**	Q	14	**12**	Q	70-130	5		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1936437-6 WG1936437-7 QC Sample: L2433099-08 Client ID: TB-DOC20-061224-1010												
1,2,4-Trichlorobenzene	ND	134	13	**10**	Q	12	**10**	Q	70-130	9		30
Methyl Acetate	ND	134	120	86		140	114		51-146	17		30
Cyclohexane	ND	134	110	82		96	80		59-142	14		30
1,4-Dioxane	ND	6700	7100	106		5700	94		65-136	23		30
Freon-113	ND	134	140	104		130	106		50-139	9		30
Methyl cyclohexane	ND	134	98	73		84	70		70-130	15		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		101		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	100		102		70-130
Toluene-d8	99		98		70-130

SEMIVOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-01
Client ID: TB-DOC13-061224-0830
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:30
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/18/24 22:18
Analyst: RMP
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	82	J	ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	5900		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	1700		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	41	J	ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	5800		ug/kg	110	20.	1
Benzo(a)pyrene	6300		ug/kg	140	44.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-01 Date Collected: 06/12/24 08:30

Client ID: TB-DOC13-061224-0830 Date Received: 06/12/24

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						
Benzo(b)fluoranthene	11000	E	ug/kg	110	30.	1
Benzo(k)fluoranthene	2200		ug/kg	110	29.	1
Chrysene	5000		ug/kg	110	19.	1
Acenaphthylene	3000		ug/kg	140	28.	1
Anthracene	2100		ug/kg	110	35.	1
Benzo(ghi)perylene	5900		ug/kg	140	21.	1
Fluorene	360		ug/kg	180	17.	1
Phenanthrene	3500		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1100		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	5900		ug/kg	140	25.	1
Pyrene	5600		ug/kg	110	18.	1
Biphenyl	210	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	650		ug/kg	180	17.	1
2-Methylnaphthalene	1700		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	150	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	74	J	ug/kg	180	27.	1
2-Methylphenol	31	J	ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	89	J	ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	440		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	450		ug/kg	240	48.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-01 Date Collected: 06/12/24 08:30

Client ID: TB-DOC13-061224-0830 Date Received: 06/12/24

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						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	67		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2433099
Project Number: 0200336-002
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-01 D
Client ID: TB-DOC13-061224-0830
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:30
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 15:35
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	11000		ug/kg	540	150	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-02 D
Client ID: TB-DOC14-061224-0840
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:40
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/19/24 02:21
Analyst: RMP
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	310	J	ug/kg	1500	190	10
Hexachlorobenzene	ND		ug/kg	1100	210	10
Bis(2-chloroethyl)ether	ND		ug/kg	1700	250	10
2-Chloronaphthalene	ND		ug/kg	1900	180	10
3,3'-Dichlorobenzidine	ND		ug/kg	1900	500	10
2,4-Dinitrotoluene	ND		ug/kg	1900	370	10
2,6-Dinitrotoluene	ND		ug/kg	1900	320	10
Fluoranthene	6700		ug/kg	1100	210	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1900	200	10
4-Bromophenyl phenyl ether	ND		ug/kg	1900	280	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2200	320	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2000	190	10
Hexachlorobutadiene	ND		ug/kg	1900	270	10
Hexachlorocyclopentadiene	ND		ug/kg	5300	1700	10
Hexachloroethane	ND		ug/kg	1500	300	10
Isophorone	ND		ug/kg	1700	240	10
Naphthalene	1000	J	ug/kg	1900	230	10
Nitrobenzene	ND		ug/kg	1700	280	10
NDPA/DPA	ND		ug/kg	1500	210	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1900	290	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1900	640	10
Butyl benzyl phthalate	ND		ug/kg	1900	470	10
Di-n-butylphthalate	ND		ug/kg	1900	350	10
Di-n-octylphthalate	ND		ug/kg	1900	630	10
Diethyl phthalate	ND		ug/kg	1900	170	10
Dimethyl phthalate	ND		ug/kg	1900	390	10
Benzo(a)anthracene	4400		ug/kg	1100	210	10
Benzo(a)pyrene	4800		ug/kg	1500	460	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-02 D
Client ID: TB-DOC14-061224-0840
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:40
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	7600		ug/kg	1100	310	10
Benzo(k)fluoranthene	1800		ug/kg	1100	300	10
Chrysene	4800		ug/kg	1100	190	10
Acenaphthylene	2500		ug/kg	1500	290	10
Anthracene	2500		ug/kg	1100	360	10
Benzo(ghi)perylene	3400		ug/kg	1500	220	10
Fluorene	480	J	ug/kg	1900	180	10
Phenanthrene	2800		ug/kg	1100	230	10
Dibenzo(a,h)anthracene	730	J	ug/kg	1100	220	10
Indeno(1,2,3-cd)pyrene	3300		ug/kg	1500	260	10
Pyrene	6600		ug/kg	1100	180	10
Biphenyl	ND		ug/kg	4200	240	10
4-Chloroaniline	ND		ug/kg	1900	340	10
2-Nitroaniline	ND		ug/kg	1900	360	10
3-Nitroaniline	ND		ug/kg	1900	350	10
4-Nitroaniline	ND		ug/kg	1900	770	10
Dibenzofuran	400	J	ug/kg	1900	180	10
2-Methylnaphthalene	1000	J	ug/kg	2200	220	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1900	190	10
Acetophenone	ND		ug/kg	1900	230	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	350	10
p-Chloro-m-cresol	ND		ug/kg	1900	280	10
2-Chlorophenol	ND		ug/kg	1900	220	10
2,4-Dichlorophenol	ND		ug/kg	1700	300	10
2,4-Dimethylphenol	ND		ug/kg	1900	620	10
2-Nitrophenol	ND		ug/kg	4000	700	10
4-Nitrophenol	ND		ug/kg	2600	760	10
2,4-Dinitrophenol	ND		ug/kg	9000	870	10
4,6-Dinitro-o-cresol	ND		ug/kg	4800	900	10
Pentachlorophenol	ND		ug/kg	1500	410	10
Phenol	ND		ug/kg	1900	280	10
2-Methylphenol	ND		ug/kg	1900	290	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2700	290	10
2,4,5-Trichlorophenol	ND		ug/kg	1900	360	10
Carbazole	580	J	ug/kg	1900	180	10
Atrazine	ND		ug/kg	1500	650	10
Benzaldehyde	ND		ug/kg	2500	500	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-02 D
Client ID: TB-DOC14-061224-0840
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:40
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1900	570	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1900	380	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		25-120
Phenol-d6	41		10-120
Nitrobenzene-d5	38		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	54		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03
Client ID: TB-DOC15-061224-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:50
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/19/24 01:32
Analyst: RMP
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	69	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	1200		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	580		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	930		ug/kg	110	21.	1
Benzo(a)pyrene	1200		ug/kg	150	46.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03 Date Collected: 06/12/24 08:50

Client ID: TB-DOC15-061224-0850 Date Received: 06/12/24

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						
Benzo(b)fluoranthene	1800		ug/kg	110	32.	1
Benzo(k)fluoranthene	570		ug/kg	110	30.	1
Chrysene	1100		ug/kg	110	20.	1
Acenaphthylene	560		ug/kg	150	29.	1
Anthracene	710		ug/kg	110	37.	1
Benzo(ghi)perylene	1300		ug/kg	150	22.	1
Fluorene	110	J	ug/kg	190	18.	1
Phenanthrene	680		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	280		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	150	26.	1
Pyrene	1200		ug/kg	110	19.	1
Biphenyl	74	J	ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	170	J	ug/kg	190	18.	1
2-Methylnaphthalene	1000		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	84	J	ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	100	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	350		ug/kg	250	51.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03 Date Collected: 06/12/24 08:50

Client ID: TB-DOC15-061224-0850 Date Received: 06/12/24

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						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	66		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03
Client ID: TB-DOC15-061224-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:50
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/24/24 20:19
Analyst: JW
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 06/22/24 09:45
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.122	J	ng/g	0.726	0.046	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.363	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.182	0.039	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.726	0.073	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.182	0.042	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.182	0.021	1
Perfluoroheptanoic Acid (PFHpA)	0.041	J	ng/g	0.182	0.021	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.182	0.054	1
Perfluorooctanoic Acid (PFOA)	0.091	J	ng/g	0.182	0.047	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.726	0.254	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.182	0.033	1
Perfluorononanoic Acid (PFNA)	0.078	J	ng/g	0.182	0.071	1
Perfluorooctanesulfonic Acid (PFOS)	0.622		ng/g	0.182	0.072	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.182	0.068	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.726	0.352	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.182	0.039	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.182	0.091	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.182	0.047	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.182	0.029	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.182	0.039	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.182	0.075	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.182	0.037	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.182	0.048	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.182	0.097	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.726	0.089	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.726	0.133	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.182	0.035	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03 Date Collected: 06/12/24 08:50

Client ID: TB-DOC15-061224-0850 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.726	0.178	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.726	0.152	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.182	0.091	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.182	0.102	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.82	0.227	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.82	0.463	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.363	0.037	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.363	0.028	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.363	0.076	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.363	0.086	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.908	0.131	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.54	0.458	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.54	1.60	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03 Date Collected: 06/12/24 08:50

Client ID: TB-DOC15-061224-0850 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	74		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	74		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	140		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	63		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	77		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	97		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	75		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	69		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	144		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	122		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	86		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	128		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	87		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	58		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	70		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	81		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	92		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	81		20-150

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-04 D
Client ID: TB-DOC16-061224-0920
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 09:20
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 15:58
Analyst: SZ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	740	96.	5
Hexachlorobenzene	ND		ug/kg	550	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	830	120	5
2-Chloronaphthalene	ND		ug/kg	920	92.	5
3,3'-Dichlorobenzidine	ND		ug/kg	920	240	5
2,4-Dinitrotoluene	ND		ug/kg	920	180	5
2,6-Dinitrotoluene	ND		ug/kg	920	160	5
Fluoranthene	2300		ug/kg	550	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	920	99.	5
4-Bromophenyl phenyl ether	ND		ug/kg	920	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	93.	5
Hexachlorobutadiene	ND		ug/kg	920	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	840	5
Hexachloroethane	ND		ug/kg	740	150	5
Isophorone	ND		ug/kg	830	120	5
Naphthalene	900	J	ug/kg	920	110	5
Nitrobenzene	ND		ug/kg	830	140	5
NDPA/DPA	ND		ug/kg	740	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	920	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	920	320	5
Butyl benzyl phthalate	ND		ug/kg	920	230	5
Di-n-butylphthalate	ND		ug/kg	920	180	5
Di-n-octylphthalate	ND		ug/kg	920	310	5
Diethyl phthalate	ND		ug/kg	920	86.	5
Dimethyl phthalate	ND		ug/kg	920	190	5
Benzo(a)anthracene	990		ug/kg	550	100	5
Benzo(a)pyrene	1000		ug/kg	740	220	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-04 D
Client ID: TB-DOC16-061224-0920
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 09:20
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	2000		ug/kg	550	160	5
Benzo(k)fluoranthene	520	J	ug/kg	550	150	5
Chrysene	1300		ug/kg	550	96.	5
Acenaphthylene	540	J	ug/kg	740	140	5
Anthracene	510	J	ug/kg	550	180	5
Benzo(ghi)perylene	920		ug/kg	740	110	5
Fluorene	ND		ug/kg	920	90.	5
Phenanthrene	1100		ug/kg	550	110	5
Dibenzo(a,h)anthracene	230	J	ug/kg	550	110	5
Indeno(1,2,3-cd)pyrene	850		ug/kg	740	130	5
Pyrene	2700		ug/kg	550	92.	5
Biphenyl	170	J	ug/kg	2100	120	5
4-Chloroaniline	ND		ug/kg	920	170	5
2-Nitroaniline	ND		ug/kg	920	180	5
3-Nitroaniline	ND		ug/kg	920	170	5
4-Nitroaniline	ND		ug/kg	920	380	5
Dibenzofuran	190	J	ug/kg	920	87.	5
2-Methylnaphthalene	780	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	920	96.	5
Acetophenone	ND		ug/kg	920	110	5
2,4,6-Trichlorophenol	ND		ug/kg	550	180	5
p-Chloro-m-cresol	ND		ug/kg	920	140	5
2-Chlorophenol	ND		ug/kg	920	110	5
2,4-Dichlorophenol	ND		ug/kg	830	150	5
2,4-Dimethylphenol	ND		ug/kg	920	300	5
2-Nitrophenol	ND		ug/kg	2000	350	5
4-Nitrophenol	ND		ug/kg	1300	380	5
2,4-Dinitrophenol	ND		ug/kg	4400	430	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	740	200	5
Phenol	ND		ug/kg	920	140	5
2-Methylphenol	ND		ug/kg	920	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5
2,4,5-Trichlorophenol	ND		ug/kg	920	180	5
Carbazole	94	J	ug/kg	920	90.	5
Atrazine	ND		ug/kg	740	320	5
Benzaldehyde	ND		ug/kg	1200	250	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-04 D
Client ID: TB-DOC16-061224-0920
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 09:20
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	920	280	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	920	190	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		25-120
Phenol-d6	35		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	44		10-136
4-Terphenyl-d14	64		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-05
Client ID: TB-DOC17-061224-0930
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 09:30
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/19/24 01:56
Analyst: RMP
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	75	J	ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1600		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	410		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	1400		ug/kg	110	20.	1
Benzo(a)pyrene	2100		ug/kg	140	44.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-05 Date Collected: 06/12/24 09:30

Client ID: TB-DOC17-061224-0930 Date Received: 06/12/24

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						
Benzo(b)fluoranthene	3400		ug/kg	110	31.	1
Benzo(k)fluoranthene	840		ug/kg	110	29.	1
Chrysene	1700		ug/kg	110	19.	1
Acenaphthylene	830		ug/kg	140	28.	1
Anthracene	840		ug/kg	110	35.	1
Benzo(ghi)perylene	1800		ug/kg	140	21.	1
Fluorene	110	J	ug/kg	180	18.	1
Phenanthrene	800		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	410		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1700		ug/kg	140	25.	1
Pyrene	1600		ug/kg	110	18.	1
Biphenyl	56	J	ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	190		ug/kg	180	17.	1
2-Methylnaphthalene	340		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	37	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	160	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-05 Date Collected: 06/12/24 09:30

Client ID: TB-DOC17-061224-0930 Date Received: 06/12/24

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						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	70		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2433099
Project Number: 0200336-002
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-06 D2
Client ID: TB-DOC18-061224-0940
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 09:40
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 15:34
Analyst: SZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	45000		ug/kg	2900	560	25
Pyrene	46000		ug/kg	2900	480	25

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-06 D
Client ID: TB-DOC18-061224-0940
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 09:40
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 11:12
Analyst: SZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	550	J	ug/kg	770	100	5
Hexachlorobenzene	ND		ug/kg	580	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	870	130	5
2-Chloronaphthalene	ND		ug/kg	970	96.	5
3,3'-Dichlorobenzidine	ND		ug/kg	970	260	5
2,4-Dinitrotoluene	ND		ug/kg	970	190	5
2,6-Dinitrotoluene	ND		ug/kg	970	170	5
Fluoranthene	39000	E	ug/kg	580	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	970	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	970	150	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	97.	5
Hexachlorobutadiene	ND		ug/kg	970	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2800	880	5
Hexachloroethane	ND		ug/kg	770	160	5
Isophorone	ND		ug/kg	870	120	5
Naphthalene	2700		ug/kg	970	120	5
Nitrobenzene	ND		ug/kg	870	140	5
NDPA/DPA	ND		ug/kg	770	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	970	150	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	970	330	5
Butyl benzyl phthalate	ND		ug/kg	970	240	5
Di-n-butylphthalate	ND		ug/kg	970	180	5
Di-n-octylphthalate	ND		ug/kg	970	330	5
Diethyl phthalate	ND		ug/kg	970	90.	5
Dimethyl phthalate	ND		ug/kg	970	200	5
Benzo(a)anthracene	25000		ug/kg	580	110	5
Benzo(a)pyrene	20000		ug/kg	770	240	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-06 D
Client ID: TB-DOC18-061224-0940
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 09:40
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	30000		ug/kg	580	160	5
Benzo(k)fluoranthene	9600		ug/kg	580	150	5
Chrysene	22000		ug/kg	580	100	5
Acenaphthylene	9600		ug/kg	770	150	5
Anthracene	9000		ug/kg	580	190	5
Benzo(ghi)perylene	12000		ug/kg	770	110	5
Fluorene	940	J	ug/kg	970	94.	5
Phenanthrene	5200		ug/kg	580	120	5
Dibenzo(a,h)anthracene	3600		ug/kg	580	110	5
Indeno(1,2,3-cd)pyrene	12000		ug/kg	770	130	5
Pyrene	40000	E	ug/kg	580	96.	5
Biphenyl	360	J	ug/kg	2200	120	5
4-Chloroaniline	ND		ug/kg	970	180	5
2-Nitroaniline	ND		ug/kg	970	190	5
3-Nitroaniline	ND		ug/kg	970	180	5
4-Nitroaniline	ND		ug/kg	970	400	5
Dibenzofuran	1200		ug/kg	970	92.	5
2-Methylnaphthalene	2800		ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	970	100	5
Acetophenone	290	J	ug/kg	970	120	5
2,4,6-Trichlorophenol	ND		ug/kg	580	180	5
p-Chloro-m-cresol	ND		ug/kg	970	140	5
2-Chlorophenol	ND		ug/kg	970	110	5
2,4-Dichlorophenol	ND		ug/kg	870	160	5
2,4-Dimethylphenol	ND		ug/kg	970	320	5
2-Nitrophenol	ND		ug/kg	2100	360	5
4-Nitrophenol	ND		ug/kg	1400	390	5
2,4-Dinitrophenol	ND		ug/kg	4600	450	5
4,6-Dinitro-o-cresol	ND		ug/kg	2500	460	5
Pentachlorophenol	ND		ug/kg	770	210	5
Phenol	ND		ug/kg	970	150	5
2-Methylphenol	ND		ug/kg	970	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	5
2,4,5-Trichlorophenol	ND		ug/kg	970	180	5
Carbazole	1400		ug/kg	970	94.	5
Atrazine	ND		ug/kg	770	340	5
Benzaldehyde	ND		ug/kg	1300	260	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-06 D
Client ID: TB-DOC18-061224-0940
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 09:40
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	970	290	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	970	200	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	101		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-07
Client ID: TB-DOC19-061224-1000
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 10:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/19/24 02:45
Analyst: RMP
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	180		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	4700		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	810		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	3300		ug/kg	110	21.	1
Benzo(a)pyrene	3700		ug/kg	150	45.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-07 Date Collected: 06/12/24 10:00

Client ID: TB-DOC19-061224-1000 Date Received: 06/12/24

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						
Benzo(b)fluoranthene	5700		ug/kg	110	31.	1
Benzo(k)fluoranthene	1100		ug/kg	110	29.	1
Chrysene	3300		ug/kg	110	19.	1
Acenaphthylene	1600		ug/kg	150	28.	1
Anthracene	2300		ug/kg	110	36.	1
Benzo(ghi)perylene	2900		ug/kg	150	22.	1
Fluorene	380		ug/kg	180	18.	1
Phenanthrene	3100		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	630		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2700		ug/kg	150	26.	1
Pyrene	4400		ug/kg	110	18.	1
Biphenyl	140	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	610		ug/kg	180	17.	1
2-Methylnaphthalene	870		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	68	J	ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	76	J	ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	63	J	ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	380		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-07 Date Collected: 06/12/24 10:00

Client ID: TB-DOC19-061224-1000 Date Received: 06/12/24

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						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	69		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-08
Client ID: TB-DOC20-061224-1010
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 10:10
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/18/24 23:56
Analyst: RMP
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	190		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	4000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	1100		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	97	J	ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	3200		ug/kg	110	20.	1
Benzo(a)pyrene	3600		ug/kg	140	44.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-08 Date Collected: 06/12/24 10:10

Client ID: TB-DOC20-061224-1010 Date Received: 06/12/24

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						
Benzo(b)fluoranthene	6000		ug/kg	110	30.	1
Benzo(k)fluoranthene	1100		ug/kg	110	29.	1
Chrysene	3200		ug/kg	110	19.	1
Acenaphthylene	2600		ug/kg	140	28.	1
Anthracene	2600		ug/kg	110	35.	1
Benzo(ghi)perylene	3000		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	1900		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	620		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2800		ug/kg	140	25.	1
Pyrene	4100		ug/kg	110	18.	1
Biphenyl	180	J	ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	440		ug/kg	180	17.	1
2-Methylnaphthalene	1500		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	150	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	65	J	ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	99	J	ug/kg	180	27.	1
2-Methylphenol	44	J	ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	130	J	ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	500		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-08 Date Collected: 06/12/24 10:10

Client ID: TB-DOC20-061224-1010 Date Received: 06/12/24

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						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	75		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-09
Client ID: TB-DOC21-061224-1300
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 13:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/19/24 03:09
Analyst: RMP
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	200		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	2600		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	730		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	1600		ug/kg	110	20.	1
Benzo(a)pyrene	1900		ug/kg	150	44.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-09 Date Collected: 06/12/24 13:00

Client ID: TB-DOC21-061224-1300 Date Received: 06/12/24

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						
Benzo(b)fluoranthene	2600		ug/kg	110	31.	1
Benzo(k)fluoranthene	730		ug/kg	110	29.	1
Chrysene	1600		ug/kg	110	19.	1
Acenaphthylene	980		ug/kg	150	28.	1
Anthracene	990		ug/kg	110	36.	1
Benzo(ghi)perylene	1400		ug/kg	150	21.	1
Fluorene	400		ug/kg	180	18.	1
Phenanthrene	2400		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	280		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	150	25.	1
Pyrene	2600		ug/kg	110	18.	1
Biphenyl	100	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	300		ug/kg	180	17.	1
2-Methylnaphthalene	550		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	35	J	ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	44	J	ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	210		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-09 Date Collected: 06/12/24 13:00

Client ID: TB-DOC21-061224-1300 Date Received: 06/12/24

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						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	66		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-09
Client ID: TB-DOC21-061224-1300
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 13:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/24/24 20:32
Analyst: JW
Percent Solids: 91%

Extraction Method: EPA 1633
Extraction Date: 06/22/24 09:45
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.763	0.048	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.382	0.053	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.191	0.041	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.763	0.077	1
Perfluorohexanoic Acid (PFHxA)	0.044	JF	ng/g	0.191	0.044	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.191	0.022	1
Perfluoroheptanoic Acid (PFHpA)	0.059	J	ng/g	0.191	0.022	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.191	0.057	1
Perfluorooctanoic Acid (PFOA)	0.198		ng/g	0.191	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.763	0.267	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.191	0.035	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.191	0.075	1
Perfluorooctanesulfonic Acid (PFOS)	0.300		ng/g	0.191	0.076	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.191	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.763	0.370	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.191	0.041	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.191	0.095	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.191	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.191	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.191	0.041	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.191	0.079	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.191	0.039	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.191	0.050	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.191	0.102	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.763	0.094	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.763	0.140	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.191	0.037	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-09 Date Collected: 06/12/24 13:00

Client ID: TB-DOC21-061224-1300 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.763	0.187	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.763	0.160	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.191	0.095	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.191	0.107	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.91	0.239	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.91	0.487	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.382	0.039	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.382	0.030	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.382	0.079	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.382	0.091	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.954	0.137	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.77	0.482	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.77	1.68	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-09 Date Collected: 06/12/24 13:00

Client ID: TB-DOC21-061224-1300 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	62		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	60		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	67		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	106		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	65		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	55		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	67		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	65		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	58		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	71		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	69		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	95		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	93		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	68		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	51		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	59		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	64		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	61		20-150

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-10 D
Client ID: TB-DOC22-061224-1320
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 13:20
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 11:35
Analyst: SZ
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	190	J	ug/kg	690	89.	5
Hexachlorobenzene	ND		ug/kg	520	97.	5
Bis(2-chloroethyl)ether	ND		ug/kg	780	120	5
2-Chloronaphthalene	ND		ug/kg	860	86.	5
3,3'-Dichlorobenzidine	ND		ug/kg	860	230	5
2,4-Dinitrotoluene	ND		ug/kg	860	170	5
2,6-Dinitrotoluene	ND		ug/kg	860	150	5
Fluoranthene	5800		ug/kg	520	99.	5
4-Chlorophenyl phenyl ether	ND		ug/kg	860	92.	5
4-Bromophenyl phenyl ether	ND		ug/kg	860	130	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1000	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	930	86.	5
Hexachlorobutadiene	ND		ug/kg	860	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2500	780	5
Hexachloroethane	ND		ug/kg	690	140	5
Isophorone	ND		ug/kg	780	110	5
Naphthalene	810	J	ug/kg	860	100	5
Nitrobenzene	ND		ug/kg	780	130	5
NDPA/DPA	ND		ug/kg	690	98.	5
n-Nitrosodi-n-propylamine	ND		ug/kg	860	130	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	860	300	5
Butyl benzyl phthalate	ND		ug/kg	860	220	5
Di-n-butylphthalate	ND		ug/kg	860	160	5
Di-n-octylphthalate	ND		ug/kg	860	290	5
Diethyl phthalate	ND		ug/kg	860	80.	5
Dimethyl phthalate	ND		ug/kg	860	180	5
Benzo(a)anthracene	4000		ug/kg	520	97.	5
Benzo(a)pyrene	10000		ug/kg	690	210	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-10 D
Client ID: TB-DOC22-061224-1320
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 13:20
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	8100		ug/kg	520	140	5
Benzo(k)fluoranthene	2100		ug/kg	520	140	5
Chrysene	5300		ug/kg	520	90.	5
Acenaphthylene	3300		ug/kg	690	130	5
Anthracene	1400		ug/kg	520	170	5
Benzo(ghi)perylene	11000		ug/kg	690	100	5
Fluorene	620	J	ug/kg	860	84.	5
Phenanthrene	2000		ug/kg	520	100	5
Dibenzo(a,h)anthracene	1700		ug/kg	520	100	5
Indeno(1,2,3-cd)pyrene	6200		ug/kg	690	120	5
Pyrene	14000		ug/kg	520	86.	5
Biphenyl	130	J	ug/kg	2000	110	5
4-Chloroaniline	ND		ug/kg	860	160	5
2-Nitroaniline	ND		ug/kg	860	170	5
3-Nitroaniline	ND		ug/kg	860	160	5
4-Nitroaniline	ND		ug/kg	860	360	5
Dibenzofuran	190	J	ug/kg	860	82.	5
2-Methylnaphthalene	500	J	ug/kg	1000	100	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	860	90.	5
Acetophenone	ND		ug/kg	860	110	5
2,4,6-Trichlorophenol	ND		ug/kg	520	160	5
p-Chloro-m-cresol	ND		ug/kg	860	130	5
2-Chlorophenol	ND		ug/kg	860	100	5
2,4-Dichlorophenol	ND		ug/kg	780	140	5
2,4-Dimethylphenol	ND		ug/kg	860	280	5
2-Nitrophenol	ND		ug/kg	1900	320	5
4-Nitrophenol	ND		ug/kg	1200	350	5
2,4-Dinitrophenol	ND		ug/kg	4100	400	5
4,6-Dinitro-o-cresol	ND		ug/kg	2200	410	5
Pentachlorophenol	ND		ug/kg	690	190	5
Phenol	ND		ug/kg	860	130	5
2-Methylphenol	ND		ug/kg	860	130	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1200	140	5
2,4,5-Trichlorophenol	ND		ug/kg	860	160	5
Carbazole	160	J	ug/kg	860	84.	5
Atrazine	ND		ug/kg	690	300	5
Benzaldehyde	ND		ug/kg	1100	230	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-10 D
Client ID: TB-DOC22-061224-1320
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 13:20
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	860	260	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	860	170	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	97		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-11 D
Client ID: 4444-061224-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 00:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 16:21
Analyst: SZ
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220	J	ug/kg	1500	190	10
Hexachlorobenzene	ND		ug/kg	1100	200	10
Bis(2-chloroethyl)ether	ND		ug/kg	1600	250	10
2-Chloronaphthalene	ND		ug/kg	1800	180	10
3,3'-Dichlorobenzidine	ND		ug/kg	1800	490	10
2,4-Dinitrotoluene	ND		ug/kg	1800	370	10
2,6-Dinitrotoluene	ND		ug/kg	1800	310	10
Fluoranthene	9800		ug/kg	1100	210	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	200	10
4-Bromophenyl phenyl ether	ND		ug/kg	1800	280	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2200	310	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2000	180	10
Hexachlorobutadiene	ND		ug/kg	1800	270	10
Hexachlorocyclopentadiene	ND		ug/kg	5200	1600	10
Hexachloroethane	ND		ug/kg	1500	300	10
Isophorone	ND		ug/kg	1600	240	10
Naphthalene	1900		ug/kg	1800	220	10
Nitrobenzene	ND		ug/kg	1600	270	10
NDPA/DPA	ND		ug/kg	1500	210	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	280	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1800	630	10
Butyl benzyl phthalate	ND		ug/kg	1800	460	10
Di-n-butylphthalate	ND		ug/kg	1800	350	10
Di-n-octylphthalate	ND		ug/kg	1800	620	10
Diethyl phthalate	ND		ug/kg	1800	170	10
Dimethyl phthalate	ND		ug/kg	1800	380	10
Benzo(a)anthracene	6200		ug/kg	1100	210	10
Benzo(a)pyrene	7900		ug/kg	1500	450	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-11 D
Client ID: 4444-061224-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 00:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	11000		ug/kg	1100	310	10
Benzo(k)fluoranthene	3900		ug/kg	1100	290	10
Chrysene	6600		ug/kg	1100	190	10
Acenaphthylene	3000		ug/kg	1500	280	10
Anthracene	2100		ug/kg	1100	360	10
Benzo(ghi)perylene	6800		ug/kg	1500	220	10
Fluorene	350	J	ug/kg	1800	180	10
Phenanthrene	3700		ug/kg	1100	220	10
Dibenzo(a,h)anthracene	1500		ug/kg	1100	210	10
Indeno(1,2,3-cd)pyrene	6600		ug/kg	1500	260	10
Pyrene	9400		ug/kg	1100	180	10
Biphenyl	ND		ug/kg	4200	240	10
4-Chloroaniline	ND		ug/kg	1800	330	10
2-Nitroaniline	ND		ug/kg	1800	350	10
3-Nitroaniline	ND		ug/kg	1800	340	10
4-Nitroaniline	ND		ug/kg	1800	760	10
Dibenzofuran	770	J	ug/kg	1800	170	10
2-Methylnaphthalene	1700	J	ug/kg	2200	220	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	190	10
Acetophenone	ND		ug/kg	1800	230	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	350	10
p-Chloro-m-cresol	ND		ug/kg	1800	270	10
2-Chlorophenol	ND		ug/kg	1800	220	10
2,4-Dichlorophenol	ND		ug/kg	1600	290	10
2,4-Dimethylphenol	ND		ug/kg	1800	600	10
2-Nitrophenol	ND		ug/kg	4000	690	10
4-Nitrophenol	ND		ug/kg	2600	750	10
2,4-Dinitrophenol	ND		ug/kg	8800	850	10
4,6-Dinitro-o-cresol	ND		ug/kg	4800	880	10
Pentachlorophenol	ND		ug/kg	1500	400	10
Phenol	ND		ug/kg	1800	280	10
2-Methylphenol	ND		ug/kg	1800	280	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2600	290	10
2,4,5-Trichlorophenol	ND		ug/kg	1800	350	10
Carbazole	480	J	ug/kg	1800	180	10
Atrazine	ND		ug/kg	1500	640	10
Benzaldehyde	ND		ug/kg	2400	490	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-11 D
Client ID: 4444-061224-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 00:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1800	560	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1800	370	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	88		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/18/24 21:05
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1935035-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/18/24 21:05
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1935035-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/18/24 21:05
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 06/16/24 19:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1935035-1					
Phenol	25	J	ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	91		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/24/24 16:02
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 06/22/24 09:45
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03,09 Batch: WG1937801-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/24/24 16:02
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 06/22/24 09:45
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03,09 Batch: WG1937801-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/24/24 16:02
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 06/22/24 09:45
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03,09 Batch: WG1937801-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	127		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	73		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	110		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**231**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	82		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	101		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	44		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	71		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	71		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	68		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	82		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	78		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1935035-2 WG1935035-3								
Acenaphthene	92		91		31-137	1		50
Hexachlorobenzene	107		106		40-140	1		50
Bis(2-chloroethyl)ether	79		80		40-140	1		50
2-Chloronaphthalene	97		97		40-140	0		50
3,3'-Dichlorobenzidine	92		85		40-140	8		50
2,4-Dinitrotoluene	110		109		40-132	1		50
2,6-Dinitrotoluene	121		120		40-140	1		50
Fluoranthene	96		96		40-140	0		50
4-Chlorophenyl phenyl ether	92		92		40-140	0		50
4-Bromophenyl phenyl ether	99		98		40-140	1		50
Bis(2-chloroisopropyl)ether	56		58		40-140	4		50
Bis(2-chloroethoxy)methane	90		92		40-117	2		50
Hexachlorobutadiene	90		93		40-140	3		50
Hexachlorocyclopentadiene	109		111		40-140	2		50
Hexachloroethane	84		88		40-140	5		50
Isophorone	95		96		40-140	1		50
Naphthalene	84		87		40-140	4		50
Nitrobenzene	94		98		40-140	4		50
NDPA/DPA	95		93		36-157	2		50
n-Nitrosodi-n-propylamine	94		97		32-121	3		50
Bis(2-ethylhexyl)phthalate	108		105		40-140	3		50
Butyl benzyl phthalate	116		113		40-140	3		50
Di-n-butylphthalate	103		101		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1935035-2 WG1935035-3								
Di-n-octylphthalate	117		114		40-140	3		50
Diethyl phthalate	99		98		40-140	1		50
Dimethyl phthalate	107		105		40-140	2		50
Benzo(a)anthracene	92		92		40-140	0		50
Benzo(a)pyrene	99		98		40-140	1		50
Benzo(b)fluoranthene	102		100		40-140	2		50
Benzo(k)fluoranthene	93		91		40-140	2		50
Chrysene	89		87		40-140	2		50
Acenaphthylene	99		99		40-140	0		50
Anthracene	93		91		40-140	2		50
Benzo(ghi)perylene	94		94		40-140	0		50
Fluorene	93		92		40-140	1		50
Phenanthrene	90		89		40-140	1		50
Dibenzo(a,h)anthracene	94		95		40-140	1		50
Indeno(1,2,3-cd)pyrene	96		97		40-140	1		50
Pyrene	96		95		35-142	1		50
Biphenyl	88		89		37-127	1		50
4-Chloroaniline	93		92		40-140	1		50
2-Nitroaniline	121		120		47-134	1		50
3-Nitroaniline	94		91		26-129	3		50
4-Nitroaniline	97		94		41-125	3		50
Dibenzofuran	92		92		40-140	0		50
2-Methylnaphthalene	95		98		40-140	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1935035-2 WG1935035-3								
1,2,4,5-Tetrachlorobenzene	87		87		40-117	0		50
Acetophenone	86		88		14-144	2		50
2,4,6-Trichlorophenol	109		109		30-130	0		50
p-Chloro-m-cresol	**109**	Q	**109**	Q	26-103	0		50
2-Chlorophenol	92		95		25-102	3		50
2,4-Dichlorophenol	107		108		30-130	1		50
2,4-Dimethylphenol	121		122		30-130	1		50
2-Nitrophenol	118		122		30-130	3		50
4-Nitrophenol	108		107		11-114	1		50
2,4-Dinitrophenol	65		106		4-130	48		50
4,6-Dinitro-o-cresol	92		116		10-130	23		50
Pentachlorophenol	109		106		17-109	3		50
Phenol	87		88		26-90	1		50
2-Methylphenol	98		99		30-130.	1		50
3-Methylphenol/4-Methylphenol	108		109		30-130	1		50
2,4,5-Trichlorophenol	114		112		30-130	2		50
Carbazole	92		91		54-128	1		50
Atrazine	90		86		40-140	5		50
Benzaldehyde	79		80		40-140	1		50
Caprolactam	78		77		15-130	1		50
2,3,4,6-Tetrachlorophenol	102		98		40-140	4		50
1,4-Dioxane	51		50		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1935035-2 WG1935035-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	88		87		25-120
Phenol-d6	89		89		10-120
Nitrobenzene-d5	93		92		23-120
2-Fluorobiphenyl	92		91		30-120
2,4,6-Tribromophenol	124		119		10-136
4-Terphenyl-d14	92		88		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03,09 Batch: WG1937801-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	116		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	118		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	104		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	112		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	109		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	124		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	110		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	102		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	115		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	114		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	112		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	119		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	117		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	123		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	120		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	90		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	125		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	112		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	102		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	**151**	Q	-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	116		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03,09 Batch: WG1937801-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	135		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	137		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	112		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	124		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	64		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	112		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	110		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	91		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	104		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	120		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	118		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	119		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	120		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	107		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	110		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	91		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	100		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	124		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03,09 Batch: WG1937801-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	128				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	111				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	93				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**164**	Q			20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	32				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	68				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	73				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03,09 Batch: WG1937801-3								
Perfluorobutanoic Acid (PFBA)	98		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	104		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	98		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	105		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	110		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	110		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	101		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	87		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	102		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	100		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	103		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	100		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	114		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	113		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	91		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	110		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	107		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	100		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	100		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	104		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03,09 Batch: WG1937801-3								
Perfluorotridecanoic Acid (PFTrDA)	117		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	122		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	101		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	111		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	69		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	100		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	104		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	108		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	104		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	109		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	107		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	105		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	105		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	101		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	100		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	88		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	106		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	81		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

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

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03,09 Batch: WG1937801-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	126				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	107				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	102				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	40				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	73				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	61				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	73				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	71				20-150

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

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): 01-11 QC Batch ID: WG1935035-4 WG1935035-5 QC Sample: L2433099-08 Client ID: TB-DOC20-061224-1010												
Acenaphthene	190	1470	1400	82		1400	82		31-137	0		50
Hexachlorobenzene	ND	1470	1200	81		1200	81		40-140	0		50
Bis(2-chloroethyl)ether	ND	1470	1100	75		1100	74		40-140	0		50
2-Chloronaphthalene	ND	1470	1200	81		1200	81		40-140	0		50
3,3'-Dichlorobenzidine	ND	1470	130J	**9**	Q	160J	**11**	Q	40-140	21		50
2,4-Dinitrotoluene	ND	1470	770	52		690	47		40-132	11		50
2,6-Dinitrotoluene	ND	1470	810	55		730	49		40-140	10		50
Fluoranthene	4000	1470	5200	81		4600	40		40-140	12		50
4-Chlorophenyl phenyl ether	ND	1470	1100	75		1100	74		40-140	0		50
4-Bromophenyl phenyl ether	ND	1470	1200	81		1200	81		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1470	780	53		790	53		40-140	1		50
Bis(2-chloroethoxy)methane	ND	1470	1200	81		1200	81		40-117	0		50
Hexachlorobutadiene	ND	1470	1300	88		1300	88		40-140	0		50
Hexachlorocyclopentadiene	ND	1470	ND	**0**	Q	ND	**0**	Q	40-140	NC		50
Hexachloroethane	ND	1470	670	45		680	46		40-140	1		50
Isophorone	ND	1470	1200	81		1200	81		40-140	0		50
Naphthalene	1100	1470	2200	75		2200	74		40-140	0		50
Nitrobenzene	ND	1470	1200	81		1200	81		40-140	0		50
NDPA/DPA	ND	1470	1300	88		1300	88		36-157	0		50
n-Nitrosodi-n-propylamine	ND	1470	1200	81		1200	81		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1470	1600	110		1600	110		40-140	0		50
Butyl benzyl phthalate	97J	1470	1400	95		1400	94		40-140	0		50
Di-n-butylphthalate	ND	1470	1200	81		1300	88		40-140	8		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

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): 01-11 QC Batch ID: WG1935035-4 WG1935035-5 QC Sample: L2433099-08 Client ID: TB-DOC20-061224-1010												
Di-n-octylphthalate	ND	1470	1600	110		1600	110		40-140	0		50
Diethyl phthalate	ND	1470	1200	81		1200	81		40-140	0		50
Dimethyl phthalate	ND	1470	1300	88		1200	81		40-140	8		50
Benzo(a)anthracene	3200	1470	4600	95		4100	61		40-140	11		50
Benzo(a)pyrene	3600	1470	4900	88		4400	54		40-140	11		50
Benzo(b)fluoranthene	6000	1470	7600E	110		7100	74		40-140	7		50
Benzo(k)fluoranthene	1100	1470	2100	68		1800	47		40-140	15		50
Chrysene	3200	1470	4400	81		3900	47		40-140	12		50
Acenaphthylene	2600	1470	3800	81		3400	54		40-140	11		50
Anthracene	2600	1470	3700	75		3400	54		40-140	8		50
Benzo(ghi)perylene	3000	1470	3800	54		3400	**27**	Q	40-140	11		50
Fluorene	ND	1470	1500	100		1400	94		40-140	7		50
Phenanthrene	1900	1470	3200	88		2900	67		40-140	10		50
Dibenzo(a,h)anthracene	620	1470	1600	52		1500	45		40-140	6		50
Indeno(1,2,3-cd)pyrene	2800	1470	4000	81		3500	47		40-140	13		50
Pyrene	4100	1470	5200	75		4700	40		35-142	10		50
Biphenyl	180J	1470	1300	88		1300	88		37-127	0		50
4-Chloroaniline	ND	1470	680	46		740	50		40-140	8		50
2-Nitroaniline	ND	1470	1500	100		1400	94		47-134	7		50
3-Nitroaniline	ND	1470	840	57		900	61		26-129	7		50
4-Nitroaniline	ND	1470	620	42		720	49		41-125	15		50
Dibenzofuran	440	1470	1600	79		1600	78		40-140	0		50
2-Methylnaphthalene	1500	1470	2600	75		2600	74		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

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): 01-11 QC Batch ID: WG1935035-4 WG1935035-5 QC Sample: L2433099-08 Client ID: TB-DOC20-061224-1010												
1,2,4,5-Tetrachlorobenzene	ND	1470	1200	81		1100	74		40-117	9		50
Acetophenone	150J	1470	1300	88		1300	88		14-144	0		50
2,4,6-Trichlorophenol	ND	1470	1300	88		1300	88		30-130	0		50
p-Chloro-m-cresol	ND	1470	1200	81		1300	88		26-103	8		50
2-Chlorophenol	ND	1470	1100	75		1100	74		25-102	0		50
2,4-Dichlorophenol	ND	1470	1300	88		1200	81		30-130	8		50
2,4-Dimethylphenol	65J	1470	1300	88		1300	88		30-130	0		50
2-Nitrophenol	ND	1470	610	41		550	37		30-130	10		50
4-Nitrophenol	ND	1470	ND	**0**	Q	610	41		11-114	NC		50
2,4-Dinitrophenol	ND	1470	140J	10		ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1470	ND	**0**	Q	ND	**0**	Q	10-130	NC		50
Pentachlorophenol	ND	1470	810	55		820	55		17-109	1		50
Phenol	99J	1470	1100	75		1100	74		26-90	0		50
2-Methylphenol	44J	1470	1100	75		1100	74		30-130.	0		50
3-Methylphenol/4-Methylphenol	130J	1470	1300	88		1300	88		30-130	0		50
2,4,5-Trichlorophenol	ND	1470	1300	88		1300	88		30-130	0		50
Carbazole	500	1470	1600	75		1500	67		54-128	6		50
Atrazine	ND	1470	940	64		950	64		40-140	1		50
Benzaldehyde	ND	1470	1800	89		1800	88		40-140	0		50
Caprolactam	ND	1470	890	60		840	57		15-130	6		50
2,3,4,6-Tetrachlorophenol	ND	1470	1100	75		1100	74		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

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): 01-11 QC Batch ID: WG1935035-4 WG1935035-5 QC Sample: L2433099-08 Client ID: TB-DOC20-061224-1010												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	91		91		10-136
2-Fluorobiphenyl	81		79		30-120
2-Fluorophenol	71		72		25-120
4-Terphenyl-d14	72		72		18-120
Nitrobenzene-d5	80		76		23-120
Phenol-d6	69		70		10-120

PCBS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03
Client ID: TB-DOC15-061224-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:50
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 11:47
Analyst: AD
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.7	4.95	1	A
Aroclor 1221	ND		ug/kg	55.7	5.58	1	A
Aroclor 1232	ND		ug/kg	55.7	11.8	1	A
Aroclor 1242	ND		ug/kg	55.7	7.51	1	A
Aroclor 1248	ND		ug/kg	55.7	8.36	1	A
Aroclor 1254	ND		ug/kg	55.7	6.10	1	A
Aroclor 1260	69.9		ug/kg	55.7	10.3	1	B
Aroclor 1262	ND		ug/kg	55.7	7.08	1	A
Aroclor 1268	ND		ug/kg	55.7	5.77	1	A
PCBs, Total	69.9		ug/kg	55.7	4.95	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-09
Client ID: TB-DOC21-061224-1300
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 13:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/17/24 11:55
Analyst: AD
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.7	4.68	1	A
Aroclor 1221	ND		ug/kg	52.7	5.28	1	A
Aroclor 1232	ND		ug/kg	52.7	11.2	1	A
Aroclor 1242	ND		ug/kg	52.7	7.10	1	A
Aroclor 1248	ND		ug/kg	52.7	7.90	1	A
Aroclor 1254	ND		ug/kg	52.7	5.76	1	A
Aroclor 1260	ND		ug/kg	52.7	9.74	1	A
Aroclor 1262	ND		ug/kg	52.7	6.69	1	A
Aroclor 1268	ND		ug/kg	52.7	5.46	1	A
PCBs, Total	ND		ug/kg	52.7	4.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/17/24 11:23
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/16/24 22:24
Cleanup Method: EPA 3665A
Cleanup Date: 06/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03,09 Batch: WG1935045-1						
Aroclor 1016	ND		ug/kg	45.6	4.05	A
Aroclor 1221	ND		ug/kg	45.6	4.57	A
Aroclor 1232	ND		ug/kg	45.6	9.67	A
Aroclor 1242	ND		ug/kg	45.6	6.15	A
Aroclor 1248	ND		ug/kg	45.6	6.84	A
Aroclor 1254	ND		ug/kg	45.6	4.99	A
Aroclor 1260	ND		ug/kg	45.6	8.43	A
Aroclor 1262	ND		ug/kg	45.6	5.79	A
Aroclor 1268	ND		ug/kg	45.6	4.73	A
PCBs, Total	ND		ug/kg	45.6	4.05	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	84		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03,09 Batch: WG1935045-2 WG1935045-3									
Aroclor 1016	98		100		40-140	2		50	A
Aroclor 1260	80		83		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		79		30-150	A
Decachlorobiphenyl	72		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		84		30-150	B
Decachlorobiphenyl	82		89		30-150	B

PESTICIDES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03
Client ID: TB-DOC15-061224-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:50
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/18/24 21:55
Analyst: MMG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.741	0.331	1	A
Alpha-BHC	ND		ug/kg	0.741	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	ND		ug/kg	0.889	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.626	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.741	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.778	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	ND		ug/kg	1.11	0.556	1	A
4,4'-DDE	ND		ug/kg	1.78	0.411	1	A
4,4'-DDD	ND		ug/kg	1.78	0.634	1	A
4,4'-DDT	3.95		ug/kg	1.78	1.43	1	B
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.741	0.353	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.34	1	A
cis-Chlordane	1.80	J	ug/kg	2.22	0.620	1	B
trans-Chlordane	1.28	J	ug/kg	2.22	0.587	1	A
Chlordane	10.2	JIP	ug/kg	14.8	5.89	1	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03 Date Collected: 06/12/24 08:50

Client ID: TB-DOC15-061224-0850 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2433099
Project Number: 0200336-002
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03
Client ID: TB-DOC15-061224-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 08:50
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/19/24 17:38
Analyst: JAG
Percent Solids: 87%
Methylation Date: 06/19/24 12:30

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 13:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.8	1	A
2,4,5-T	ND		ug/kg	188	5.83	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	5.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	107		30-150	A
DCAA	116		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-09
Client ID: TB-DOC21-061224-1300
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 13:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/18/24 22:06
Analyst: MMG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.724	0.324	1	A
Alpha-BHC	ND		ug/kg	0.724	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.659	1	A
Heptachlor	ND		ug/kg	0.869	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.612	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.978	1	A
Endrin	ND		ug/kg	0.724	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.761	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.543	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.620	1	A
4,4'-DDT	1.85		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.581	1	A
Endosulfan sulfate	ND		ug/kg	0.724	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.13	1	A
cis-Chlordane	ND		ug/kg	2.17	0.606	1	A
trans-Chlordane	ND		ug/kg	2.17	0.574	1	A
Chlordane	ND		ug/kg	14.5	5.76	1	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-09 Date Collected: 06/12/24 13:00

Client ID: TB-DOC21-061224-1300 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2433099
Project Number: 0200336-002
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-09
Client ID: TB-DOC21-061224-1300
Sample Location: ROCHESTER, NY

Date Collected: 06/12/24 13:00
Date Received: 06/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/19/24 17:56
Analyst: JAG
Percent Solids: 91%
Methylation Date: 06/19/24 12:30

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 13:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.68	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	110		30-150	A
DCAA	112		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/18/24 21:21
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03,09 Batch: WG1935042-1						
Delta-BHC	ND		ug/kg	1.53	0.299	A
Lindane	ND		ug/kg	0.636	0.284	A
Alpha-BHC	ND		ug/kg	0.636	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.579	A
Heptachlor	ND		ug/kg	0.763	0.342	A
Aldrin	ND		ug/kg	1.53	0.538	A
Heptachlor epoxide	ND		ug/kg	2.86	0.859	A
Endrin	ND		ug/kg	0.636	0.261	A
Endrin aldehyde	ND		ug/kg	1.91	0.668	A
Endrin ketone	ND		ug/kg	1.53	0.393	A
Dieldrin	ND		ug/kg	0.954	0.477	A
4,4'-DDE	ND		ug/kg	1.53	0.353	A
4,4'-DDD	ND		ug/kg	1.53	0.544	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.361	A
Endosulfan II	ND		ug/kg	1.53	0.510	A
Endosulfan sulfate	ND		ug/kg	0.636	0.303	A
Methoxychlor	ND		ug/kg	2.86	0.890	A
Toxaphene	ND		ug/kg	28.6	8.02	A
cis-Chlordane	ND		ug/kg	1.91	0.532	A
trans-Chlordane	ND		ug/kg	1.91	0.504	A
Chlordane	ND		ug/kg	12.7	5.06	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/18/24 21:21
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 06/16/24 21:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03,09 Batch: WG1935042-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/19/24 16:25
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 06/18/24 13:30

Methylation Date: 06/19/24 12:30

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 03,09 Batch: WG1935931-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.09	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.37	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	113		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03,09 Batch: WG1935042-2 WG1935042-3									
Delta-BHC	80		80		30-150	0		30	A
Lindane	69		73		30-150	6		30	A
Alpha-BHC	70		73		30-150	4		30	A
Beta-BHC	68		72		30-150	6		30	A
Heptachlor	70		74		30-150	6		30	A
Aldrin	68		71		30-150	4		30	A
Heptachlor epoxide	58		60		30-150	3		30	A
Endrin	71		77		30-150	8		30	A
Endrin aldehyde	55		66		30-150	18		30	A
Endrin ketone	65		72		30-150	10		30	A
Dieldrin	73		78		30-150	7		30	A
4,4'-DDE	65		70		30-150	7		30	A
4,4'-DDD	72		78		30-150	8		30	A
4,4'-DDT	74		79		30-150	7		30	A
Endosulfan I	65		70		30-150	7		30	A
Endosulfan II	68		74		30-150	8		30	A
Endosulfan sulfate	63		69		30-150	9		30	A
Methoxychlor	84		93		30-150	10		30	A
cis-Chlordane	62		66		30-150	6		30	A
trans-Chlordane	73		77		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03,09 Batch: WG1935042-2 WG1935042-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		65		30-150	A
Decachlorobiphenyl	62		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		75		30-150	B
Decachlorobiphenyl	70		77		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 03,09 Batch: WG1935931-2 WG1935931-3									
2,4-D	89		87		30-150	2		30	A
2,4,5-T	93		91		30-150	2		30	A
2,4,5-TP (Silvex)	87		86		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	105		101		30-150	A
DCAA	135		129		30-150	B

METALS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-01 Date Collected: 06/12/24 08:30

Client ID: TB-DOC13-061224-0830 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2800		mg/kg	8.60	2.32	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Antimony, Total	11.0		mg/kg	4.30	0.327	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Arsenic, Total	29.7		mg/kg	0.860	0.179	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Barium, Total	63.3		mg/kg	0.860	0.150	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.360	J	mg/kg	0.430	0.028	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.860	0.084	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Calcium, Total	36100		mg/kg	8.60	3.01	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Chromium, Total	15.9		mg/kg	0.860	0.083	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.10		mg/kg	1.72	0.143	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Copper, Total	164		mg/kg	0.860	0.222	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Iron, Total	36600		mg/kg	4.30	0.777	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Lead, Total	327		mg/kg	4.30	0.231	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Magnesium, Total	7980		mg/kg	8.60	1.32	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Manganese, Total	371		mg/kg	0.860	0.137	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Mercury, Total	0.484		mg/kg	0.070	0.046	1	06/18/24 12:35	06/19/24 12:33	EPA 7471B	1,7471B	JWN
Nickel, Total	22.9		mg/kg	2.15	0.208	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Potassium, Total	287		mg/kg	215	12.4	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.72	0.222	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Silver, Total	1.53		mg/kg	0.430	0.244	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Sodium, Total	95.1	J	mg/kg	172	2.71	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Thallium, Total	0.409	J	mg/kg	1.72	0.271	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Vanadium, Total	10.6		mg/kg	0.860	0.175	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL
Zinc, Total	194		mg/kg	4.30	0.252	2	06/18/24 11:25	06/18/24 18:30	EPA 3050B	1,6010D	DHL

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-02 Date Collected: 06/12/24 08:40

Client ID: TB-DOC14-061224-0840 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2790		mg/kg	8.76	2.36	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Antimony, Total	3.94	J	mg/kg	4.38	0.333	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Arsenic, Total	19.1		mg/kg	0.876	0.182	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Barium, Total	57.3		mg/kg	0.876	0.152	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.354	J	mg/kg	0.438	0.029	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Cadmium, Total	7.23		mg/kg	0.876	0.086	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Calcium, Total	63700		mg/kg	8.76	3.07	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Chromium, Total	13.8		mg/kg	0.876	0.084	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.30		mg/kg	1.75	0.145	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Copper, Total	130		mg/kg	0.876	0.226	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Iron, Total	27400		mg/kg	4.38	0.791	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Lead, Total	273		mg/kg	4.38	0.235	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Magnesium, Total	15600		mg/kg	8.76	1.35	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Manganese, Total	367		mg/kg	0.876	0.139	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Mercury, Total	0.760		mg/kg	0.073	0.047	1	06/18/24 12:35	06/19/24 12:36	EPA 7471B	1,7471B	JWN
Nickel, Total	20.5		mg/kg	2.19	0.212	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Potassium, Total	437		mg/kg	219	12.6	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.75	0.226	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Silver, Total	1.56		mg/kg	0.438	0.248	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Sodium, Total	94.5	J	mg/kg	175	2.76	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Thallium, Total	0.307	J	mg/kg	1.75	0.276	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Vanadium, Total	11.5		mg/kg	0.876	0.178	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL
Zinc, Total	2900		mg/kg	4.38	0.257	2	06/18/24 11:25	06/18/24 19:18	EPA 3050B	1,6010D	DHL

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03 Date Collected: 06/12/24 08:50

Client ID: TB-DOC15-061224-0850 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3750		mg/kg	8.75	2.36	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Antimony, Total	3.72	J	mg/kg	4.38	0.333	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Arsenic, Total	24.5		mg/kg	0.875	0.182	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Barium, Total	69.9		mg/kg	0.875	0.152	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.443		mg/kg	0.438	0.029	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.875	0.086	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Calcium, Total	21300		mg/kg	8.75	3.06	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Chromium, Total	13.6		mg/kg	0.875	0.084	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.04		mg/kg	1.75	0.145	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Copper, Total	99.6		mg/kg	0.875	0.226	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Iron, Total	32300		mg/kg	4.38	0.790	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Lead, Total	279		mg/kg	4.38	0.235	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Magnesium, Total	9520		mg/kg	8.75	1.35	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Manganese, Total	335		mg/kg	0.875	0.139	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Mercury, Total	0.238		mg/kg	0.074	0.048	1	06/18/24 12:35	06/19/24 12:58	EPA 7471B	1,7471B	JWN
Nickel, Total	14.2		mg/kg	2.19	0.212	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Potassium, Total	351		mg/kg	219	12.6	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.75	0.226	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Silver, Total	1.40		mg/kg	0.438	0.248	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Sodium, Total	115	J	mg/kg	175	2.76	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Thallium, Total	0.499	J	mg/kg	1.75	0.276	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Vanadium, Total	13.3		mg/kg	0.875	0.178	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL
Zinc, Total	212		mg/kg	4.38	0.256	2	06/18/24 11:25	06/18/24 19:22	EPA 3050B	1,6010D	DHL

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-04 Date Collected: 06/12/24 09:20

Client ID: TB-DOC16-061224-0920 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3700		mg/kg	8.59	2.32	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Antimony, Total	3.83	J	mg/kg	4.29	0.326	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Arsenic, Total	21.7		mg/kg	0.859	0.179	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Barium, Total	55.6		mg/kg	0.859	0.149	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.402	J	mg/kg	0.429	0.028	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.859	0.084	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Calcium, Total	31400		mg/kg	8.59	3.01	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Chromium, Total	8.42		mg/kg	0.859	0.082	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.67		mg/kg	1.72	0.142	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Copper, Total	101		mg/kg	0.859	0.222	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Iron, Total	23600		mg/kg	4.29	0.776	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Lead, Total	198		mg/kg	4.29	0.230	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Magnesium, Total	14400		mg/kg	8.59	1.32	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Manganese, Total	283		mg/kg	0.859	0.136	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Mercury, Total	0.356		mg/kg	0.071	0.046	1	06/18/24 12:35	06/19/24 13:02	EPA 7471B	1,7471B	JWN
Nickel, Total	14.3		mg/kg	2.15	0.208	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Potassium, Total	438		mg/kg	215	12.4	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.72	0.222	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Silver, Total	0.944		mg/kg	0.429	0.243	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Sodium, Total	117	J	mg/kg	172	2.70	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Thallium, Total	0.395	J	mg/kg	1.72	0.270	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Vanadium, Total	12.6		mg/kg	0.859	0.174	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL
Zinc, Total	110		mg/kg	4.29	0.252	2	06/18/24 11:25	06/18/24 19:25	EPA 3050B	1,6010D	DHL

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-05 Date Collected: 06/12/24 09:30

Client ID: TB-DOC17-061224-0930 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4180		mg/kg	8.75	2.36	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Antimony, Total	8.50		mg/kg	4.37	0.332	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Arsenic, Total	19.1		mg/kg	0.875	0.182	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Barium, Total	46.5		mg/kg	0.875	0.152	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.363	J	mg/kg	0.437	0.029	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.875	0.086	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Calcium, Total	40600		mg/kg	8.75	3.06	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Chromium, Total	8.99		mg/kg	0.875	0.084	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.53		mg/kg	1.75	0.145	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Copper, Total	99.9		mg/kg	0.875	0.226	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Iron, Total	22000		mg/kg	4.37	0.790	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Lead, Total	335		mg/kg	4.37	0.234	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Magnesium, Total	15700		mg/kg	8.75	1.35	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Manganese, Total	337		mg/kg	0.875	0.139	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Mercury, Total	0.360		mg/kg	0.070	0.046	1	06/18/24 12:35	06/19/24 13:05	EPA 7471B	1,7471B	JWN
Nickel, Total	15.0		mg/kg	2.19	0.212	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Potassium, Total	508		mg/kg	219	12.6	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.75	0.226	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Silver, Total	0.825		mg/kg	0.437	0.248	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Sodium, Total	147	J	mg/kg	175	2.76	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Thallium, Total	0.294	J	mg/kg	1.75	0.276	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Vanadium, Total	13.0		mg/kg	0.875	0.178	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL
Zinc, Total	100		mg/kg	4.37	0.256	2	06/18/24 11:25	06/18/24 19:29	EPA 3050B	1,6010D	DHL

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-06 Date Collected: 06/12/24 09:40

Client ID: TB-DOC18-061224-0940 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4130		mg/kg	23.0	6.22	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Antimony, Total	4.65	J	mg/kg	11.5	0.875	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Arsenic, Total	32.5		mg/kg	2.30	0.479	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Barium, Total	81.2		mg/kg	2.30	0.401	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.488	J	mg/kg	1.15	0.076	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Cadmium, Total	1.67	J	mg/kg	2.30	0.226	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Calcium, Total	23300		mg/kg	23.0	8.06	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Chromium, Total	35.6		mg/kg	2.30	0.221	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Cobalt, Total	7.47		mg/kg	4.60	0.382	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Copper, Total	214		mg/kg	2.30	0.594	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Iron, Total	58000		mg/kg	11.5	2.08	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Lead, Total	370		mg/kg	11.5	0.617	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Magnesium, Total	6510		mg/kg	23.0	3.55	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Manganese, Total	571		mg/kg	2.30	0.366	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Mercury, Total	0.837		mg/kg	0.075	0.049	1	06/18/24 12:35	06/19/24 13:08	EPA 7471B	1,7471B	JWN
Nickel, Total	46.5		mg/kg	5.76	0.557	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Potassium, Total	353	J	mg/kg	576	33.2	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	4.60	0.594	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Silver, Total	2.83		mg/kg	1.15	0.652	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Sodium, Total	93.8	J	mg/kg	460	7.25	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	4.60	0.725	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Vanadium, Total	17.7		mg/kg	2.30	0.467	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL
Zinc, Total	485		mg/kg	11.5	0.675	5	06/18/24 11:25	06/18/24 20:05	EPA 3050B	1,6010D	DHL

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-07 Date Collected: 06/12/24 10:00

Client ID: TB-DOC19-061224-1000 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	3960		mg/kg	8.56	2.31	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Antimony, Total	13.6		mg/kg	4.28	0.325	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Arsenic, Total	46.6		mg/kg	0.856	0.178	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Barium, Total	56.6		mg/kg	0.856	0.149	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.339	J	mg/kg	0.428	0.028	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.856	0.084	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Calcium, Total	30200		mg/kg	8.56	3.00	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Chromium, Total	9.90		mg/kg	0.856	0.082	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.50		mg/kg	1.71	0.142	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Copper, Total	111		mg/kg	0.856	0.221	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Iron, Total	27900		mg/kg	4.28	0.773	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Lead, Total	337		mg/kg	4.28	0.229	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Magnesium, Total	14000		mg/kg	8.56	1.32	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Manganese, Total	409		mg/kg	0.856	0.136	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Mercury, Total	0.374		mg/kg	0.071	0.046	1	06/18/24 12:35	06/19/24 13:12	EPA 7471B	1,7471B	JWN
Nickel, Total	18.3		mg/kg	2.14	0.207	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Potassium, Total	474		mg/kg	214	12.3	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.71	0.221	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Silver, Total	1.10		mg/kg	0.428	0.242	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Sodium, Total	106	J	mg/kg	171	2.70	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Thallium, Total	0.498	J	mg/kg	1.71	0.270	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Vanadium, Total	13.0		mg/kg	0.856	0.174	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL
Zinc, Total	146		mg/kg	4.28	0.251	2	06/18/24 11:25	06/18/24 19:36	EPA 3050B	1,6010D	DHL

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-08 Date Collected: 06/12/24 10:10

Client ID: TB-DOC20-061224-1010 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5520		mg/kg	8.64	2.33	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Antimony, Total	1.74	J	mg/kg	4.32	0.328	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Arsenic, Total	17.0		mg/kg	0.864	0.180	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Barium, Total	69.2		mg/kg	0.864	0.150	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.390	J	mg/kg	0.432	0.029	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.277	J	mg/kg	0.864	0.085	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Calcium, Total	14800		mg/kg	8.64	3.02	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Chromium, Total	15.5		mg/kg	0.864	0.083	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.44		mg/kg	1.73	0.143	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Copper, Total	85.4		mg/kg	0.864	0.223	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Iron, Total	21700		mg/kg	4.32	0.780	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Lead, Total	209		mg/kg	4.32	0.232	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Magnesium, Total	5090		mg/kg	8.64	1.33	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Manganese, Total	389		mg/kg	0.864	0.137	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Mercury, Total	0.419		mg/kg	0.071	0.046	1	06/18/24 12:35	06/19/24 11:57	EPA 7471B	1,7471B	JWN
Nickel, Total	14.6		mg/kg	2.16	0.209	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Potassium, Total	459		mg/kg	216	12.4	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.73	0.223	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Silver, Total	1.19		mg/kg	0.432	0.245	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Sodium, Total	103	J	mg/kg	173	2.72	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.73	0.272	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Vanadium, Total	15.2		mg/kg	0.864	0.175	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL
Zinc, Total	196		mg/kg	4.32	0.253	2	06/18/24 11:25	06/18/24 18:34	EPA 3050B	1,6010D	DHL

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-09 Date Collected: 06/12/24 13:00

Client ID: TB-DOC21-061224-1300 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4890		mg/kg	8.47	2.29	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Antimony, Total	1.73	J	mg/kg	4.24	0.322	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Arsenic, Total	24.9		mg/kg	0.847	0.176	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Barium, Total	56.4		mg/kg	0.847	0.147	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.338	J	mg/kg	0.424	0.028	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.847	0.083	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Calcium, Total	30300		mg/kg	8.47	2.96	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Chromium, Total	9.34		mg/kg	0.847	0.081	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.68		mg/kg	1.69	0.141	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Copper, Total	60.8		mg/kg	0.847	0.218	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Iron, Total	16600		mg/kg	4.24	0.765	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Lead, Total	166		mg/kg	4.24	0.227	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Magnesium, Total	8720		mg/kg	8.47	1.30	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Manganese, Total	425		mg/kg	0.847	0.135	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Mercury, Total	0.250		mg/kg	0.070	0.045	1	06/18/24 12:35	06/19/24 13:15	EPA 7471B	1,7471B	JWN
Nickel, Total	10.8		mg/kg	2.12	0.205	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Potassium, Total	485		mg/kg	212	12.2	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.69	0.218	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Silver, Total	0.693		mg/kg	0.424	0.240	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Sodium, Total	96.7	J	mg/kg	169	2.67	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.69	0.267	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Vanadium, Total	13.8		mg/kg	0.847	0.172	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL
Zinc, Total	136		mg/kg	4.24	0.248	2	06/18/24 11:25	06/18/24 19:39	EPA 3050B	1,6010D	DHL

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-10 Date Collected: 06/12/24 13:20

Client ID: TB-DOC22-061224-1320 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3740		mg/kg	8.23	2.22	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.12	0.313	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Arsenic, Total	7.70		mg/kg	0.823	0.171	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Barium, Total	32.0		mg/kg	0.823	0.143	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.238	J	mg/kg	0.412	0.027	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.823	0.081	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Calcium, Total	13400		mg/kg	8.23	2.88	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Chromium, Total	6.81		mg/kg	0.823	0.079	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.06		mg/kg	1.65	0.137	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Copper, Total	25.6		mg/kg	0.823	0.212	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Iron, Total	10900		mg/kg	4.12	0.743	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Lead, Total	84.8		mg/kg	4.12	0.221	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Magnesium, Total	4250		mg/kg	8.23	1.27	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Manganese, Total	331		mg/kg	0.823	0.131	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Mercury, Total	0.194		mg/kg	0.067	0.044	1	06/18/24 12:35	06/19/24 13:18	EPA 7471B	1,7471B	JWN
Nickel, Total	8.83		mg/kg	2.06	0.199	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Potassium, Total	404		mg/kg	206	11.8	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.65	0.212	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Silver, Total	0.476		mg/kg	0.412	0.233	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Sodium, Total	63.3	J	mg/kg	165	2.59	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.65	0.259	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Vanadium, Total	10.8		mg/kg	0.823	0.167	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL
Zinc, Total	50.1		mg/kg	4.12	0.241	2	06/18/24 11:25	06/18/24 19:43	EPA 3050B	1,6010D	DHL

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-11 Date Collected: 06/12/24 00:00

Client ID: 4444-061224-0001 Date Received: 06/12/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2720		mg/kg	8.52	2.30	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Antimony, Total	10.9		mg/kg	4.26	0.324	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Arsenic, Total	26.4		mg/kg	0.852	0.177	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Barium, Total	61.7		mg/kg	0.852	0.148	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.350	J	mg/kg	0.426	0.028	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.852	0.084	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Calcium, Total	31000		mg/kg	8.52	2.98	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Chromium, Total	13.8		mg/kg	0.852	0.082	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.76		mg/kg	1.70	0.141	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Copper, Total	156		mg/kg	0.852	0.220	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Iron, Total	35000		mg/kg	4.26	0.769	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Lead, Total	319		mg/kg	4.26	0.228	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Magnesium, Total	7300		mg/kg	8.52	1.31	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Manganese, Total	344		mg/kg	0.852	0.135	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Mercury, Total	0.446		mg/kg	0.071	0.046	1	06/18/24 12:35	06/19/24 13:21	EPA 7471B	1,7471B	JWN
Nickel, Total	18.8		mg/kg	2.13	0.206	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Potassium, Total	290		mg/kg	213	12.3	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.70	0.220	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Silver, Total	1.45		mg/kg	0.426	0.241	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Sodium, Total	91.8	J	mg/kg	170	2.68	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Thallium, Total	0.437	J	mg/kg	1.70	0.268	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Vanadium, Total	9.83		mg/kg	0.852	0.173	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL
Zinc, Total	193		mg/kg	4.26	0.250	2	06/18/24 11:25	06/18/24 20:09	EPA 3050B	1,6010D	DHL

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433099

Project Number: 0200336-002 **Report Date:** 06/26/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-11 Batch: WG1935625-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Iron, Total	5.88		mg/kg	2.00	0.361	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Manganese, Total	0.082	J	mg/kg	0.400	0.064	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/18/24 11:25	06/18/24 18:16	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-11 Batch: WG1935628-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/18/24 12:35	06/19/24 11:50	1,7471B	JWN

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1935625-2								
Aluminum, Total	101		-		80-120	-		
Antimony, Total	100		-		80-120	-		
Arsenic, Total	92		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	101		-		80-120	-		
Cadmium, Total	96		-		80-120	-		
Calcium, Total	97		-		80-120	-		
Chromium, Total	97		-		80-120	-		
Cobalt, Total	98		-		80-120	-		
Copper, Total	98		-		80-120	-		
Iron, Total	113		-		80-120	-		
Lead, Total	98		-		80-120	-		
Magnesium, Total	96		-		80-120	-		
Manganese, Total	97		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	98		-		80-120	-		
Selenium, Total	95		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	98		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	98		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1935625-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1935628-2					
Mercury, Total	98	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1935625-3 WG1935625-4 QC Sample: L2433099-08 Client ID: TB-DOC20-061224-1010												
Aluminum, Total	5520	174	6080	**322**	Q	5750	**132**	Q	75-125	6		20
Antimony, Total	1.74J	43.5	39.1	90		39.1	90		75-125	0		20
Arsenic, Total	17.0	10.4	26.9	95		26.7	93		75-125	1		20
Barium, Total	69.2	174	229	92		230	93		75-125	0		20
Beryllium, Total	0.390J	4.35	4.63	106		4.48	103		75-125	3		20
Cadmium, Total	0.277J	4.61	4.06	88		4.21	92		75-125	4		20
Calcium, Total	14800	870	24600	**1120**	Q	13000	**0**	Q	75-125	**62**	Q	20
Chromium, Total	15.5	17.4	32.4	97		31.9	94		75-125	2		20
Cobalt, Total	5.44	43.5	43.8	88		43.7	88		75-125	0		20
Copper, Total	85.4	21.8	100	**67**	Q	108	104		75-125	8		20
Iron, Total	21700	87	23600	**2180**	Q	22300	**691**	Q	75-125	6		20
Lead, Total	209	46.1	242	**72**	Q	233	**52**	Q	75-125	4		20
Magnesium, Total	5090	870	8480	**389**	Q	5650	**64**	Q	75-125	**40**	Q	20
Manganese, Total	389	43.5	449	**138**	Q	395	**14**	Q	75-125	13		20
Nickel, Total	14.6	43.5	53.4	89		52.6	88		75-125	2		20
Potassium, Total	459	870	1330	100		1250	91		75-125	6		20
Selenium, Total	ND	10.4	9.44	90		9.26	89		75-125	2		20
Silver, Total	1.19	4.35	5.39	96		5.29	94		75-125	2		20
Sodium, Total	103J	870	956	110		915	105		75-125	4		20
Thallium, Total	ND	10.4	9.57	92		9.23	89		75-125	4		20
Vanadium, Total	15.2	43.5	56.8	96		56.1	94		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1935625-3 WG1935625-4 QC Sample: L2433099-08 Client ID: TB-DOC20-061224-1010										
Zinc, Total	196	43.5	218	**50**	Q	230	78	75-125	5	20
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1935628-3 WG1935628-4 QC Sample: L2433099-08 Client ID: TB-DOC20-061224-1010										
Mercury, Total	0.419	1.4	1.86	102		1.91	106	80-120	3	20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2433099
Report Date: 06/26/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1935625-6 QC Sample: L2433099-08 Client ID: TB-DOC20-061224-1010						
Aluminum, Total	5520	5530	mg/kg	0		20
Barium, Total	69.2	69.6	mg/kg	1		20
Calcium, Total	14800	15500	mg/kg	5		20
Copper, Total	85.4	87.5	mg/kg	2		20
Iron, Total	21700	23400	mg/kg	8		20
Lead, Total	209	210	mg/kg	0		20
Magnesium, Total	5090	5410	mg/kg	6		20
Manganese, Total	389	403	mg/kg	4		20
Zinc, Total	196	209	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-01
Client ID: TB-DOC13-061224-0830
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/12/24 08:30
Date Received: 06/12/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	06/13/24 10:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/21/24 20:20	06/24/24 16:35	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-02
Client ID: TB-DOC14-061224-0840
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/12/24 08:40
Date Received: 06/12/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	06/13/24 10:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/21/24 20:20	06/24/24 16:36	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-03
Client ID: TB-DOC15-061224-0850
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/12/24 08:50
Date Received: 06/12/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	06/13/24 10:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/21/24 20:20	06/24/24 16:37	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-04
Client ID: TB-DOC16-061224-0920
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/12/24 09:20
Date Received: 06/12/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	06/13/24 10:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/21/24 20:20	06/24/24 16:38	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-05
Client ID: TB-DOC17-061224-0930
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/12/24 09:30
Date Received: 06/12/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	06/13/24 10:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/21/24 20:20	06/24/24 16:39	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-06
Client ID: TB-DOC18-061224-0940
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/12/24 09:40
Date Received: 06/12/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	06/13/24 10:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/21/24 20:20	06/24/24 16:40	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-07
Client ID: TB-DOC19-061224-1000
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/12/24 10:00
Date Received: 06/12/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	06/13/24 10:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/21/24 20:20	06/24/24 16:43	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-08
Client ID: TB-DOC20-061224-1010
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/12/24 10:10
Date Received: 06/12/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	06/13/24 10:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/21/24 20:20	06/24/24 16:45	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-09
Client ID: TB-DOC21-061224-1300
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/12/24 13:00
Date Received: 06/12/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	06/13/24 10:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/21/24 20:20	06/24/24 16:48	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-10
Client ID: TB-DOC22-061224-1320
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/12/24 13:20
Date Received: 06/12/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.6		%	0.100	NA	1	-	06/13/24 10:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.98	0.21	1	06/21/24 20:20	06/24/24 16:49	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2433099-11
Client ID: 4444-061224-0001
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/12/24 00:00
Date Received: 06/12/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	06/13/24 10:55	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/21/24 20:20	06/24/24 16:50	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-10 Batch: WG1937776-1										
Cyanide, Total	ND		mg/kg	0.96	0.20	1	06/21/24 20:20	06/24/24 16:31	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 11 Batch: WG1937778-1										
Cyanide, Total	ND		mg/kg	0.96	0.20	1	06/21/24 20:20	06/24/24 16:31	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 Batch: WG1937776-2 WG1937776-3								
Cyanide, Total	107		104		80-120	2		35
General Chemistry - Westborough Lab Associated sample(s): 11 Batch: WG1937778-2 WG1937778-3								
Cyanide, Total	107		104		80-120	2		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1937776-4 WG1937776-5 QC Sample: L2433099-08 Client ID: TB-DOC20-061224-1010												
Cyanide, Total	ND	11	11	100		11	100		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 11 QC Batch ID: WG1937778-4 WG1937778-5 QC Sample: L2433099-11 Client ID: 4444-061224-0001												
Cyanide, Total	ND	11	12	110		11	100		75-125	9		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433099

Report Date: 06/26/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1933820-1 QC Sample: L2433099-08 Client ID: TB-DOC20-061224-1010						
Solids, Total	89.2	91.0	%	2		20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

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(*)
L2433099-01A	Vial MeOH preserved	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2433099-01B	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-01C	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-01D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2433099-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2433099-01F	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2433099-02A	Vial MeOH preserved	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2433099-02B	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-02C	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-02D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2433099-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2433099-02F	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2433099-03A	Vial MeOH preserved	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2433099-03B	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2433099-03C	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2433099-03D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433099-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2433099-03F	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2433099-03G	Glass 500ml/16oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2433099-03H	Plastic 8oz unpreserved	A	NA		4.8	Y	Absent		A2-1633-DRAFT(90)
L2433099-04A	Vial MeOH preserved	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2433099-04B	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-04C	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-04D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2433099-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2433099-04F	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2433099-05A	Vial MeOH preserved	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2433099-05B	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-05C	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-05D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2433099-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2433099-05F	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2433099-06A	Vial MeOH preserved	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2433099-06B	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-06C	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-06D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433099-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2433099-06F	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2433099-07A	Vial MeOH preserved	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2433099-07B	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-07C	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-07D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2433099-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2433099-07F	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2433099-08A	Vial MeOH preserved	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2433099-08A1	Vial MeOH preserved	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2433099-08A2	Vial MeOH preserved	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2433099-08B	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-08B1	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-08B2	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-08C	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-08C1	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-08C2	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-08D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2433099-08D1	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2433099-08D2	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2433099-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433099-08E1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2433099-08E2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2433099-08F	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2433099-08F1	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2433099-08F2	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2433099-09A	Vial MeOH preserved	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2433099-09B	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-09C	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-09D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2433099-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2433099-09F	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2433099-09G	Glass 500ml/16oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2433099-09H	Plastic 8oz unpreserved	A	NA		4.8	Y	Absent		A2-1633-DRAFT(90)
L2433099-10A	Vial MeOH preserved	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2433099-10B	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-10C	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-10D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2433099-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433099
Report Date: 06/26/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433099-10F	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2433099-11A	Vial MeOH preserved	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2433099-11B	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-11C	Vial water preserved	A	NA		4.8	Y	Absent	13-JUN-24 11:15	NYTCL-8260HLW-R2(14)
L2433099-11D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2433099-11E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2433099-11F	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433099
Report Date: 06/26/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433099
Project Number:	0200336-002	**Report Date:**	06/26/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433099
Project Number:	0200336-002	**Report Date:**	06/26/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433099
Project Number:	0200336-002	**Report Date:**	06/26/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433099
Project Number:	0200336-002	**Report Date:**	06/26/24

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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

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 2

Date Rec'd in Lab: 6/13/24

ALPHA Job #: L2433099

Client Information

Client:
Address: 200 TOWN CENTRE DR
Rochester, NY 14623
Phone: 585-359-9000
Fax:
Email: jszucs@haleyaldrich.com

Project Information

Project Name: 105-TROWBRIDGE - Documentation Samples
Project Location: Rochester, NY
Project # 0200336-002
(Use Project name as Project #)
Project Manager: J. SZUCS
ALPHAQuote #:

Turn-Around Time

Standard [X]
Rush (only if pre approved) [ ]
Due Date:
# of Days:

Deliverables

[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [X] 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 [X] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

CC: smckenna@haleyaldrich.com
kbartlett@haleyaldrich.com gwhite@haleyaldrich.com

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL - VOCs 8260	TCL-SVOCs 8270	TAL Metals 6010	PCBs 8082	Pesticides 8081	Herbicides 8151	PFAS 1633	Sample Specific Comments	Total Bottle
33099-01	TB-DOC13-061224-0830	6/12/24	0830	SO	KB	X	X	X						3
02	TB-DOC14-061224-0840		0840		KB	X	X	X						3
03	TB-DOC15-061224-0850		0850		KB	X	X	X	X	X	X	X		5
04	TB-DOC16-061224-0920		09:20		KB	X	X	X						3
05	TB-DOC17-061224-0930		09:30		KB	X	X	X						3
06	TB-DOC18-061224-0940		09:40		KB	X	X	X						3
07	TB-DOC19-061224-1000		10:00		KB	X	X	X					MS/MSD	3
08	TB-DOC20-061224-1010		10:10		KB	X	X	X	[illegible]	[illegible]	[illegible]	[illegible]	MS/MSD	9
09	TB-DOC21-061224-1300		13:00		KB	X	X	X	X	X	X	X		5
10	TB-DOC22-061224-1320	↓	13:20	↓	KB	X	X	X						3

Container Type	V	A	A	A	A	A	P					
Preservative	F	A	A	A	A	A	A					

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	6/12 15:41	[signature] PACE	6/12/24 1541
[signature] PACE	6/12/24 15:41	[signature]	6/13/24 0900

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)

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 2 of 2

Date Rec'd in Lab: 6/13/24

ALPHA Job #: L2433099

Client Information

Client:
Address: 200 TOWN CENTRE DR. Rochester, NY 14623
Phone: 585-359-9000
Fax:
Email: JSZUCS@haleyaldrich.com

Project Information

Project Name: LOS TRAWBRIDGE - DOCUMENTATION Samples
Project Location: Rochester, NY
Project # 0206336-002
(Use Project name as Project #)
Project Manager: J. SZUCS
ALPHAQuote #:

Turn-Around Time

Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables

[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [X] 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 [X] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:
CC: smkenna@haleyaldrich.com kbartleh@haleyaldrich.com GWhite@haleyaldrich.com

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260	TCL SVOCs 8270	TAL Metals 6010	PCBs 8082	Pesticides 8081	Herbicides 8151	PFAS 1633	Sample Specific Comments	Total Bottle
33099-11	4444-061224-0001	6/12/24		SO	KB	X	X	X					FD.	3

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	A						
Preservative	F	A	A						

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	6/12 15:42	[signature] Nyad Pace	6/12/24 1542
[signature] Nyad Pace	6/12/24 1542		6/13/24 0800

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:	L2433539
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-DOC. SAMPLES
Project Number:	0200336-002
Report Date:	06/27/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2433539-01	TB-DOC23-061324-0800	SOIL	ROCHESTER, NY	06/13/24 08:00	06/13/24
L2433539-02	TB-DOC24-061324-0810	SOIL	ROCHESTER, NY	06/13/24 08:10	06/13/24
L2433539-03	TB-DOC25-061324-0830	SOIL	ROCHESTER, NY	06/13/24 08:30	06/13/24
L2433539-04	TB-DOC26-061324-0840	SOIL	ROCHESTER, NY	06/13/24 08:40	06/13/24
L2433539-05	TB-DOC27-061324-1010	SOIL	ROCHESTER, NY	06/13/24 10:10	06/13/24
L2433539-06	TB-DOC28-061324-1300	SOIL	ROCHESTER, NY	06/13/24 13:00	06/13/24
L2433539-07	TB-DOC29-061324-1310	SOIL	ROCHESTER, NY	06/13/24 13:10	06/13/24
L2433539-08	TB-DOC30-061324-1330	SOIL	ROCHESTER, NY	06/13/24 13:30	06/13/24
L2433539-09	TB-DOC31-061324-1340	SOIL	ROCHESTER, NY	06/13/24 13:40	06/13/24
L2433539-10	TB-DOC32-061324-1410	SOIL	ROCHESTER, NY	06/13/24 14:10	06/13/24
L2433539-11	TB-DOC33-061324-1420	SOIL	ROCHESTER, NY	06/13/24 14:20	06/13/24
L2433539-12	4444-061324-0001	SOIL	ROCHESTER, NY	06/13/24 00:00	06/13/24

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433539
Project Number:	0200336-002	**Report Date:**	06/27/24

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: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539
Project Number: 0200336-002 **Report Date:** 06/27/24

Case Narrative (continued)

Report Submission

June 27, 2024: This final report includes the results of all requested analyses.

June 21, 2024: This is a preliminary report.

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

Sample Receipt

The analysis of Total Cyanide was performed at the client's request.

Volatile Organics

L2433539-06 and -09: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

L2433539-11: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (49%) was outside the acceptance criteria; however, the MS/MSD performed on this sample achieved similar results.

The WG1937092-5 Method Blank, associated with L2433539-06 and -09, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are non-detect to the RL for this target analyte, no corrective action is required.

The WG1937146-3 LCS recovery, associated with L2433539-05 and -11, is above the individual acceptance criteria for chloromethane (141%), but within the overall method allowances. The results of the associated samples are reported.

The WG1937146-6/-7 MS/MSD recoveries, performed on L2433539-11, are outside the acceptance criteria for methylene chloride (41%/42%), 1,1-dichloroethane (69%/69%), chloroform (64%/63%), dibromochloromethane (44%/44%), 1,1,2-trichloroethane (62%/61%), tetrachloroethene (46%/44%), chlorobenzene (29%/28%), 1,2-dichloroethane (43%/44%), bromodichloromethane (48%/48%), trans-1,3-

Case Narrative (continued)

dichloropropene (17%/17%), cis-1,3-dichloropropene (21%/21%), bromoform (56%/52%), benzene (58%/56%), toluene (49%/47%), ethylbenzene (42%/40%), 1,1-dichloroethene (52%/53%), trans-1,2-dichloroethene (27%/28%), trichloroethene (32%/32%), 1,2-dichlorobenzene (30%/28%), 1,3-dichlorobenzene (27%/25%), 1,4-dichlorobenzene (25%/22%), p/m-xylene (40%/38%), o-xylene (47%/46%), cis-1,2-dichloroethene (30%/30%), styrene (23%/22%), carbon disulfide (28%/30%), 2-hexanone (46%/49%), bromochloromethane (34%/35%), 1,2-dibromoethane (26%/27%), 1,2-dibromo-3-chloropropane (49%/47%), isopropylbenzene (66%/63%), 1,2,3-trichlorobenzene (13%/13%), 1,2,4-trichlorobenzene (14%/13%), 1,4-dioxane (164%/154%), and methyl cyclohexane (43%/43%); however, the associated LCS/LCSD recoveries are within overall method allowances.
WG1937146-6: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (47%) and the surrogate recovery for 4-bromofluorobenzene (131%) were outside the acceptance criteria.
WG1937146-7: The internal standard response for 1,4-dichlorobenzene-d4 (49%) and the surrogate recovery for 4-bromofluorobenzene (131%) were outside the acceptance criteria.

Semivolatile Organics
L2433539-01, -04, -05, and -08: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.
L2433539-11D: The sample has elevated detection limits due to the dilution required by the sample matrix.
WG1935862: An MS/MSD was not analyzed because the dilution required by the native sample would have caused the spike compounds to be diluted below the range of calibration.

Perfluorinated Alkyl Acids by 1633
WG1937998-1, WG1937998-2, and WG1937998-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.
The WG1937998-3 LCS recovery, associated with L2433539-09, is above the acceptance criteria for 3-

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539
Project Number: 0200336-002 **Report Date:** 06/27/24

Case Narrative (continued)

perfluoroheptyl propanoic acid (7:3ftca) (160%); however, the associated sample is non-detect to the RL for this target analyte. The result of the original analysis is reported.

Total Metals

L2433539-01 through -12: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1936534-1 Method Blank, associated with L2433539-01 through -10, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration, no corrective action is required.

The WG1936544-3/-4 MS/MSD recoveries for aluminum (616%/792%), calcium (0%/0%), chromium (385%/19%), copper (126%/213%), iron (0%/0%), lead (171%/395%), magnesium (0%/0%), manganese (0%/0%), nickel (52%/0%), and zinc (467%/903%), performed on L2433539-11, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1936544-3/-4 MS/MSD recoveries, performed on L2433539-11, are outside the acceptance criteria for arsenic (144%/158%), barium (MSD 131%), potassium (140%/149%), silver (138%/144%), and sodium (MSD 140%). Post digestion spikes were performed and were within acceptance criteria.

The WG1936544-3/-4 MS/MSD RPDs for chromium (54%), nickel (32%), and sodium (21%), performed on L2433539-11, are above the acceptance criteria.

The WG1936547-3/-4 MS/MSD recoveries for mercury (0%/0%), performed on L2433539-11, do not apply because the sample concentrations are greater than four times the spike amounts added.

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 Cristin Walker

Title: Technical Director/Representative Date: 06/27/24

ORGANICS

VOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-01
Client ID: TB-DOC23-061324-0800
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 08:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/19/24 13:38
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.18	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-01 Date Collected: 06/13/24 08:00

Client ID: TB-DOC23-061324-0800 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	94	41.	1
Freon-113	ND		ug/kg	4.7	0.81	1
Methyl cyclohexane	ND		ug/kg	4.7	0.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	109		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-02
Client ID: TB-DOC24-061324-0810
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 08:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/19/24 14:18
Analyst: LAC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.5	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.65	0.25	1
Chlorobenzene	ND		ug/kg	0.65	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.65	0.22	1
Bromodichloromethane	ND		ug/kg	0.65	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.65	0.20	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.65	0.21	1
Benzene	ND		ug/kg	0.65	0.21	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1
Trichloroethene	0.30	J	ug/kg	0.65	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-02 Date Collected: 06/13/24 08:10

Client ID: TB-DOC24-061324-0810 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	0.32	J	ug/kg	1.3	0.23	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
Methyl Acetate	ND		ug/kg	5.2	1.2	1
Cyclohexane	ND		ug/kg	13	0.70	1
1,4-Dioxane	ND		ug/kg	100	45.	1
Freon-113	ND		ug/kg	5.2	0.90	1
Methyl cyclohexane	ND		ug/kg	5.2	0.78	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-03
Client ID: TB-DOC25-061324-0830
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 08:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/19/24 14:59
Analyst: LAC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-03 Date Collected: 06/13/24 08:30

Client ID: TB-DOC25-061324-0830 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.98	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	3.9	0.93	1
Cyclohexane	ND		ug/kg	9.8	0.54	1
1,4-Dioxane	ND		ug/kg	79	34.	1
Freon-113	ND		ug/kg	3.9	0.68	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	110		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-04
Client ID: TB-DOC26-061324-0840
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 08:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/19/24 15:40
Analyst: LAC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-04 Date Collected: 06/13/24 08:40

Client ID: TB-DOC26-061324-0840 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	109		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-05
Client ID: TB-DOC27-061324-1010
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 10:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 11:16
Analyst: LAC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-05 Date Collected: 06/13/24 10:10

Client ID: TB-DOC27-061324-1010 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	39.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	97		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-06
Client ID: TB-DOC28-061324-1300
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 13:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/19/24 16:21
Analyst: LAC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	370	170	1
1,1-Dichloroethane	ND		ug/kg	74	11.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	74	17.	1
1,2-Dichloropropane	ND		ug/kg	74	9.3	1
Dibromochloromethane	ND		ug/kg	74	10.	1
1,1,2-Trichloroethane	ND		ug/kg	74	20.	1
Tetrachloroethene	ND		ug/kg	37	14.	1
Chlorobenzene	ND		ug/kg	37	9.4	1
Trichlorofluoromethane	ND		ug/kg	300	52.	1
1,2-Dichloroethane	ND		ug/kg	74	19.	1
1,1,1-Trichloroethane	ND		ug/kg	37	12.	1
Bromodichloromethane	ND		ug/kg	37	8.1	1
trans-1,3-Dichloropropene	ND		ug/kg	74	20.	1
cis-1,3-Dichloropropene	ND		ug/kg	37	12.	1
Bromoform	ND		ug/kg	300	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	37	12.	1
Benzene	93		ug/kg	37	12.	1
Toluene	390		ug/kg	74	40.	1
Ethylbenzene	91		ug/kg	74	10.	1
Chloromethane	ND		ug/kg	300	69.	1
Bromomethane	ND		ug/kg	150	43.	1
Vinyl chloride	ND		ug/kg	74	25.	1
Chloroethane	ND		ug/kg	150	34.	1
1,1-Dichloroethene	ND		ug/kg	74	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	10.	1
Trichloroethene	ND		ug/kg	37	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	11.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-06 Date Collected: 06/13/24 13:00

Client ID: TB-DOC28-061324-1300 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	150	11.	1
1,4-Dichlorobenzene	ND		ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	420		ug/kg	150	42.	1
o-Xylene	280		ug/kg	74	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	74	13.	1
Styrene	ND		ug/kg	74	14.	1
Dichlorodifluoromethane	ND		ug/kg	740	68.	1
Acetone	ND		ug/kg	740	360	1
Carbon disulfide	ND		ug/kg	740	340	1
2-Butanone	ND		ug/kg	740	160	1
4-Methyl-2-pentanone	ND		ug/kg	740	95.	1
2-Hexanone	ND		ug/kg	740	88.	1
Bromochloromethane	ND		ug/kg	150	15.	1
1,2-Dibromoethane	ND		ug/kg	74	21.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	220	74.	1
Isopropylbenzene	44	J	ug/kg	74	8.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	20.	1
Methyl Acetate	560		ug/kg	300	70.	1
Cyclohexane	270	J	ug/kg	740	40.	1
1,4-Dioxane	ND		ug/kg	5900	2600	1
Freon-113	ND		ug/kg	300	51.	1
Methyl cyclohexane	760		ug/kg	300	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-06
Client ID: TB-DOC28-061324-1300
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 13:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 10:53
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.0	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.37	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.80	0.31	1
Chlorobenzene	ND		ug/kg	0.80	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.4	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.80	0.27	1
Bromodichloromethane	ND		ug/kg	0.80	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.44	1
cis-1,3-Dichloropropene	ND		ug/kg	0.80	0.25	1
Bromoform	ND		ug/kg	6.4	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.80	0.26	1
Benzene	ND		ug/kg	0.80	0.26	1
Toluene	ND		ug/kg	1.6	0.87	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.4	1.5	1
Bromomethane	ND		ug/kg	3.2	0.93	1
Vinyl chloride	ND		ug/kg	1.6	0.53	1
Chloroethane	ND		ug/kg	3.2	0.72	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1
Trichloroethene	ND		ug/kg	0.80	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-06 Date Collected: 06/13/24 13:00

Client ID: TB-DOC28-061324-1300 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.89	1
o-Xylene	ND		ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	11	J	ug/kg	16	7.7	1
Carbon disulfide	ND		ug/kg	16	7.2	1
2-Butanone	ND		ug/kg	16	3.5	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.33	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1.6	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.51	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.43	1
Methyl Acetate	ND		ug/kg	6.4	1.5	1
Cyclohexane	ND		ug/kg	16	0.87	1
1,4-Dioxane	ND		ug/kg	130	56.	1
Freon-113	ND		ug/kg	6.4	1.1	1
Methyl cyclohexane	ND		ug/kg	6.4	0.96	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	103		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-07
Client ID: TB-DOC29-061324-1310
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 13:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/19/24 22:33
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-07 Date Collected: 06/13/24 13:10

Client ID: TB-DOC29-061324-1310 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	39.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	105		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-08
Client ID: TB-DOC30-061324-1330
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 13:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/19/24 17:42
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.18	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-08 Date Collected: 06/13/24 13:30

Client ID: TB-DOC30-061324-1330 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	89	39.	1
Freon-113	ND		ug/kg	4.4	0.77	1
Methyl cyclohexane	ND		ug/kg	4.4	0.67	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09
Client ID: TB-DOC31-061324-1340
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 13:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/19/24 18:22
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	390	180	1
1,1-Dichloroethane	ND		ug/kg	79	11.	1
Chloroform	ND		ug/kg	120	11.	1
Carbon tetrachloride	ND		ug/kg	79	18.	1
1,2-Dichloropropane	ND		ug/kg	79	9.9	1
Dibromochloromethane	ND		ug/kg	79	11.	1
1,1,2-Trichloroethane	ND		ug/kg	79	21.	1
Tetrachloroethene	ND		ug/kg	39	15.	1
Chlorobenzene	ND		ug/kg	39	10.	1
Trichlorofluoromethane	ND		ug/kg	320	55.	1
1,2-Dichloroethane	24	J	ug/kg	79	20.	1
1,1,1-Trichloroethane	ND		ug/kg	39	13.	1
Bromodichloromethane	ND		ug/kg	39	8.6	1
trans-1,3-Dichloropropene	ND		ug/kg	79	22.	1
cis-1,3-Dichloropropene	ND		ug/kg	39	12.	1
Bromoform	ND		ug/kg	320	19.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	39	13.	1
Benzene	350		ug/kg	39	13.	1
Toluene	1100		ug/kg	79	43.	1
Ethylbenzene	240		ug/kg	79	11.	1
Chloromethane	ND		ug/kg	320	74.	1
Bromomethane	ND		ug/kg	160	46.	1
Vinyl chloride	ND		ug/kg	79	26.	1
Chloroethane	ND		ug/kg	160	36.	1
1,1-Dichloroethene	ND		ug/kg	79	19.	1
trans-1,2-Dichloroethene	ND		ug/kg	120	11.	1
Trichloroethene	ND		ug/kg	39	11.	1
1,2-Dichlorobenzene	ND		ug/kg	160	11.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09 Date Collected: 06/13/24 13:40

Client ID: TB-DOC31-061324-1340 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	160	12.	1
1,4-Dichlorobenzene	ND		ug/kg	160	13.	1
Methyl tert butyl ether	ND		ug/kg	160	16.	1
p/m-Xylene	1000		ug/kg	160	44.	1
o-Xylene	620		ug/kg	79	23.	1
cis-1,2-Dichloroethene	ND		ug/kg	79	14.	1
Styrene	ND		ug/kg	79	15.	1
Dichlorodifluoromethane	ND		ug/kg	790	72.	1
Acetone	840		ug/kg	790	380	1
Carbon disulfide	ND		ug/kg	790	360	1
2-Butanone	250	J	ug/kg	790	180	1
4-Methyl-2-pentanone	ND		ug/kg	790	100	1
2-Hexanone	ND		ug/kg	790	93.	1
Bromochloromethane	ND		ug/kg	160	16.	1
1,2-Dibromoethane	ND		ug/kg	79	22.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	240	79.	1
Isopropylbenzene	83		ug/kg	79	8.6	1
1,2,3-Trichlorobenzene	ND		ug/kg	160	25.	1
1,2,4-Trichlorobenzene	ND		ug/kg	160	21.	1
Methyl Acetate	540		ug/kg	320	75.	1
Cyclohexane	700	J	ug/kg	790	43.	1
1,4-Dioxane	ND		ug/kg	6300	2800	1
Freon-113	ND		ug/kg	320	55.	1
Methyl cyclohexane	1800		ug/kg	320	48.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09
Client ID: TB-DOC31-061324-1340
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 13:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 11:21
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09 Date Collected: 06/13/24 13:40

Client ID: TB-DOC31-061324-1340 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Cyclohexane	ND		ug/kg	12	0.66	1
1,4-Dioxane	ND		ug/kg	97	43.	1
Freon-113	ND		ug/kg	4.9	0.84	1
Methyl cyclohexane	ND		ug/kg	4.9	0.73	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	99		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-10
Client ID: TB-DOC32-061324-1410
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 14:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/19/24 19:02
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.21	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.18	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-10 Date Collected: 06/13/24 14:10

Client ID: TB-DOC32-061324-1410 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	6.0	J	ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
Methyl Acetate	ND		ug/kg	4.2	1.0	1
Cyclohexane	ND		ug/kg	10	0.57	1
1,4-Dioxane	ND		ug/kg	84	37.	1
Freon-113	ND		ug/kg	4.2	0.73	1
Methyl cyclohexane	ND		ug/kg	4.2	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-11
Client ID: TB-DOC33-061324-1420
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 14:20
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 11:38
Analyst: LAC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.0	3.7	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.37	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.43	1
Tetrachloroethene	ND		ug/kg	0.80	0.31	1
Chlorobenzene	ND		ug/kg	0.80	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.4	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.80	0.27	1
Bromodichloromethane	ND		ug/kg	0.80	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.44	1
cis-1,3-Dichloropropene	ND		ug/kg	0.80	0.25	1
Bromoform	ND		ug/kg	6.4	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.80	0.26	1
Benzene	ND		ug/kg	0.80	0.26	1
Toluene	ND		ug/kg	1.6	0.87	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.4	1.5	1
Bromomethane	ND		ug/kg	3.2	0.93	1
Vinyl chloride	ND		ug/kg	1.6	0.54	1
Chloroethane	ND		ug/kg	3.2	0.72	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1
Trichloroethene	0.96		ug/kg	0.80	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-11 Date Collected: 06/13/24 14:20

Client ID: TB-DOC33-061324-1420 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.24	1
1,4-Dichlorobenzene	0.27	J	ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.90	1
o-Xylene	ND		ug/kg	1.6	0.47	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	ND		ug/kg	16	7.7	1
Carbon disulfide	ND		ug/kg	16	7.3	1
2-Butanone	ND		ug/kg	16	3.6	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.33	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.45	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1.6	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.52	1
1,2,4-Trichlorobenzene	0.70	J	ug/kg	3.2	0.44	1
Methyl Acetate	ND		ug/kg	6.4	1.5	1
Cyclohexane	ND		ug/kg	16	0.87	1
1,4-Dioxane	ND		ug/kg	130	56.	1
Freon-113	ND		ug/kg	6.4	1.1	1
Methyl cyclohexane	ND		ug/kg	6.4	0.96	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	121		70-130
Dibromofluoromethane	102		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-12
Client ID: 4444-061324-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 00:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/19/24 19:42
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.9	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.69	0.27	1
Chlorobenzene	ND		ug/kg	0.69	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.96	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.69	0.23	1
Bromodichloromethane	ND		ug/kg	0.69	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.69	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.69	0.23	1
Benzene	ND		ug/kg	0.69	0.23	1
Toluene	ND		ug/kg	1.4	0.75	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.8	0.80	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.8	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.69	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-12 Date Collected: 06/13/24 00:00

Client ID: 4444-061324-0001 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.77	1
o-Xylene	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.3	1
2-Butanone	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.37	1
Methyl Acetate	ND		ug/kg	5.5	1.3	1
Cyclohexane	ND		ug/kg	14	0.75	1
1,4-Dioxane	ND		ug/kg	110	48.	1
Freon-113	ND		ug/kg	5.5	0.95	1
Methyl cyclohexane	ND		ug/kg	5.5	0.83	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	110		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 20:40
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1937067-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 20:40
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1937067-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 20:40
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1937067-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 10:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04,08,10,12 Batch: WG1937078-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 10:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04,08,10,12 Batch: WG1937078-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 10:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04,08,10,12 Batch: WG1937078-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 10:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06,09 Batch: WG1937079-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 10:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06,09 Batch: WG1937079-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 10:57
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06,09 Batch: WG1937079-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,09 Batch: WG1937092-5					
Methylene chloride	3.7	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.0		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,09 Batch: WG1937092-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06,09 Batch: WG1937092-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	95		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:05
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,11 Batch: WG1937146-5					
Methylene chloride	4.2	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:05
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,11 Batch: WG1937146-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:05
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,11 Batch: WG1937146-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433539

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1937067-3 WG1937067-4								
Methylene chloride	86		80		70-130	7		30
1,1-Dichloroethane	89		84		70-130	6		30
Chloroform	103		98		70-130	5		30
Carbon tetrachloride	103		96		70-130	7		30
1,2-Dichloropropane	107		101		70-130	6		30
Dibromochloromethane	93		92		70-130	1		30
1,1,2-Trichloroethane	99		99		70-130	0		30
Tetrachloroethene	103		100		70-130	3		30
Chlorobenzene	98		96		70-130	2		30
Trichlorofluoromethane	104		98		70-139	6		30
1,2-Dichloroethane	109		103		70-130	6		30
1,1,1-Trichloroethane	103		97		70-130	6		30
Bromodichloromethane	97		92		70-130	5		30
trans-1,3-Dichloropropene	98		97		70-130	1		30
cis-1,3-Dichloropropene	100		96		70-130	4		30
Bromoform	85		83		70-130	2		30
1,1,2,2-Tetrachloroethane	83		81		70-130	2		30
Benzene	101		96		70-130	5		30
Toluene	97		94		70-130	3		30
Ethylbenzene	99		95		70-130	4		30
Chloromethane	116		107		52-130	8		30
Bromomethane	101		93		57-147	8		30
Vinyl chloride	92		86		67-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1937067-3 WG1937067-4								
Chloroethane	88		81		50-151	8		30
1,1-Dichloroethene	86		80		65-135	7		30
trans-1,2-Dichloroethene	89		82		70-130	8		30
Trichloroethene	108		100		70-130	8		30
1,2-Dichlorobenzene	94		90		70-130	4		30
1,3-Dichlorobenzene	96		91		70-130	5		30
1,4-Dichlorobenzene	95		90		70-130	5		30
Methyl tert butyl ether	90		87		66-130	3		30
p/m-Xylene	99		95		70-130	4		30
o-Xylene	98		95		70-130	3		30
cis-1,2-Dichloroethene	81		89		70-130	9		30
Styrene	97		94		70-130	3		30
Dichlorodifluoromethane	79		75		30-146	5		30
Acetone	115		104		54-140	10		30
Carbon disulfide	87		81		59-130	7		30
2-Butanone	110		110		70-130	0		30
4-Methyl-2-pentanone	96		96		70-130	0		30
2-Hexanone	94		93		70-130	1		30
Bromochloromethane	96		94		70-130	2		30
1,2-Dibromoethane	97		96		70-130	1		30
1,2-Dibromo-3-chloropropane	84		80		68-130	5		30
Isopropylbenzene	97		92		70-130	5		30
1,2,3-Trichlorobenzene	92		89		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1937067-3 WG1937067-4								
1,2,4-Trichlorobenzene	93		89		70-130	4		30
Methyl Acetate	96		91		51-146	5		30
Cyclohexane	112		102		59-142	9		30
1,4-Dioxane	115		122		65-136	6		30
Freon-113	96		89		50-139	8		30
Methyl cyclohexane	98		90		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		111		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	100		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,08,10,12 Batch: WG1937078-3 WG1937078-4								
Methylene chloride	105		102		70-130	3		30
1,1-Dichloroethane	112		109		70-130	3		30
Chloroform	108		106		70-130	2		30
Carbon tetrachloride	106		106		70-130	0		30
1,2-Dichloropropane	112		112		70-130	0		30
Dibromochloromethane	89		90		70-130	1		30
1,1,2-Trichloroethane	92		90		70-130	2		30
Tetrachloroethene	92		90		70-130	2		30
Chlorobenzene	93		92		70-130	1		30
Trichlorofluoromethane	121		115		70-139	5		30
1,2-Dichloroethane	106		105		70-130	1		30
1,1,1-Trichloroethane	107		106		70-130	1		30
Bromodichloromethane	106		107		70-130	1		30
trans-1,3-Dichloropropene	94		92		70-130	2		30
cis-1,3-Dichloropropene	109		108		70-130	1		30
Bromoform	80		82		70-130	2		30
1,1,2,2-Tetrachloroethane	86		84		70-130	2		30
Benzene	111		110		70-130	1		30
Toluene	94		92		70-130	2		30
Ethylbenzene	96		96		70-130	0		30
Chloromethane	114		109		52-130	4		30
Bromomethane	97		97		57-147	0		30
Vinyl chloride	127		119		67-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,08,10,12 Batch: WG1937078-3 WG1937078-4								
Chloroethane	117		112		50-151	4		30
1,1-Dichloroethene	108		103		65-135	5		30
trans-1,2-Dichloroethene	106		103		70-130	3		30
Trichloroethene	109		108		70-130	1		30
1,2-Dichlorobenzene	87		87		70-130	0		30
1,3-Dichlorobenzene	87		87		70-130	0		30
1,4-Dichlorobenzene	88		87		70-130	1		30
Methyl tert butyl ether	106		103		66-130	3		30
p/m-Xylene	96		96		70-130	0		30
o-Xylene	95		95		70-130	0		30
cis-1,2-Dichloroethene	103		103		70-130	0		30
Styrene	100		100		70-130	0		30
Dichlorodifluoromethane	115		108		30-146	6		30
Acetone	131		117		54-140	11		30
Carbon disulfide	99		96		59-130	3		30
2-Butanone	124		122		70-130	2		30
4-Methyl-2-pentanone	99		99		70-130	0		30
2-Hexanone	110		106		70-130	4		30
Bromochloromethane	108		106		70-130	2		30
1,2-Dibromoethane	92		92		70-130	0		30
1,2-Dibromo-3-chloropropane	83		85		68-130	2		30
Isopropylbenzene	91		90		70-130	1		30
1,2,3-Trichlorobenzene	102		106		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,08,10,12 Batch: WG1937078-3 WG1937078-4								
1,2,4-Trichlorobenzene	92		92		70-130	0		30
Methyl Acetate	120		117		51-146	3		30
Cyclohexane	122		119		59-142	2		30
1,4-Dioxane	108		92		65-136	16		30
Freon-113	116		111		50-139	4		30
Methyl cyclohexane	105		104		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	107		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06,09 Batch: WG1937079-3 WG1937079-4								
Methylene chloride	105		102		70-130	3		30
1,1-Dichloroethane	112		109		70-130	3		30
Chloroform	108		106		70-130	2		30
Carbon tetrachloride	106		106		70-130	0		30
1,2-Dichloropropane	112		112		70-130	0		30
Dibromochloromethane	89		90		70-130	1		30
1,1,2-Trichloroethane	92		90		70-130	2		30
Tetrachloroethene	92		90		70-130	2		30
Chlorobenzene	93		92		70-130	1		30
Trichlorofluoromethane	121		115		70-139	5		30
1,2-Dichloroethane	106		105		70-130	1		30
1,1,1-Trichloroethane	107		106		70-130	1		30
Bromodichloromethane	106		107		70-130	1		30
trans-1,3-Dichloropropene	94		92		70-130	2		30
cis-1,3-Dichloropropene	109		108		70-130	1		30
Bromoform	80		82		70-130	2		30
1,1,2,2-Tetrachloroethane	86		84		70-130	2		30
Benzene	111		110		70-130	1		30
Toluene	94		92		70-130	2		30
Ethylbenzene	96		96		70-130	0		30
Chloromethane	114		109		52-130	4		30
Bromomethane	97		97		57-147	0		30
Vinyl chloride	127		119		67-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06,09 Batch: WG1937079-3 WG1937079-4								
Chloroethane	117		112		50-151	4		30
1,1-Dichloroethene	108		103		65-135	5		30
trans-1,2-Dichloroethene	106		103		70-130	3		30
Trichloroethene	109		108		70-130	1		30
1,2-Dichlorobenzene	87		87		70-130	0		30
1,3-Dichlorobenzene	87		87		70-130	0		30
1,4-Dichlorobenzene	88		87		70-130	1		30
Methyl tert butyl ether	106		103		66-130	3		30
p/m-Xylene	96		96		70-130	0		30
o-Xylene	95		95		70-130	0		30
cis-1,2-Dichloroethene	103		103		70-130	0		30
Styrene	100		100		70-130	0		30
Dichlorodifluoromethane	115		108		30-146	6		30
Acetone	131		117		54-140	11		30
Carbon disulfide	99		96		59-130	3		30
2-Butanone	124		122		70-130	2		30
4-Methyl-2-pentanone	99		99		70-130	0		30
2-Hexanone	110		106		70-130	4		30
Bromochloromethane	108		106		70-130	2		30
1,2-Dibromoethane	92		92		70-130	0		30
1,2-Dibromo-3-chloropropane	83		85		68-130	2		30
Isopropylbenzene	91		90		70-130	1		30
1,2,3-Trichlorobenzene	102		106		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06,09 Batch: WG1937079-3 WG1937079-4								
1,2,4-Trichlorobenzene	92		92		70-130	0		30
Methyl Acetate	120		117		51-146	3		30
Cyclohexane	122		119		59-142	2		30
1,4-Dioxane	108		92		65-136	16		30
Freon-113	116		111		50-139	4		30
Methyl cyclohexane	105		104		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	107		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433539

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,09 Batch: WG1937092-3 WG1937092-4								
Methylene chloride	100		92		70-130	8		30
1,1-Dichloroethane	104		99		70-130	5		30
Chloroform	101		96		70-130	5		30
Carbon tetrachloride	96		88		70-130	9		30
1,2-Dichloropropane	96		95		70-130	1		30
Dibromochloromethane	90		93		70-130	3		30
1,1,2-Trichloroethane	102		103		70-130	1		30
Tetrachloroethene	95		90		70-130	5		30
Chlorobenzene	97		97		70-130	0		30
Trichlorofluoromethane	103		87		70-139	17		30
1,2-Dichloroethane	103		101		70-130	2		30
1,1,1-Trichloroethane	103		97		70-130	6		30
Bromodichloromethane	94		92		70-130	2		30
trans-1,3-Dichloropropene	106		106		70-130	0		30
cis-1,3-Dichloropropene	97		97		70-130	0		30
Bromoform	82		83		70-130	1		30
1,1,2,2-Tetrachloroethane	102		100		70-130	2		30
Benzene	101		97		70-130	4		30
Toluene	97		95		70-130	2		30
Ethylbenzene	103		100		70-130	3		30
Chloromethane	105		94		52-130	11		30
Bromomethane	96		82		57-147	16		30
Vinyl chloride	113		96		67-130	16		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,09 Batch: WG1937092-3 WG1937092-4								
Chloroethane	108		93		50-151	15		30
1,1-Dichloroethene	97		84		65-135	14		30
trans-1,2-Dichloroethene	108		96		70-130	12		30
Trichloroethene	106		98		70-130	8		30
1,2-Dichlorobenzene	101		98		70-130	3		30
1,3-Dichlorobenzene	102		100		70-130	2		30
1,4-Dichlorobenzene	100		99		70-130	1		30
Methyl tert butyl ether	109		113		66-130	4		30
p/m-Xylene	98		97		70-130	1		30
o-Xylene	96		96		70-130	0		30
cis-1,2-Dichloroethene	95		90		70-130	5		30
Styrene	101		100		70-130	1		30
Dichlorodifluoromethane	109		92		30-146	17		30
Acetone	107		98		54-140	9		30
Carbon disulfide	102		88		59-130	15		30
2-Butanone	96		101		70-130	5		30
4-Methyl-2-pentanone	98		98		70-130	0		30
2-Hexanone	100		100		70-130	0		30
Bromochloromethane	89		83		70-130	7		30
1,2-Dibromoethane	96		96		70-130	0		30
1,2-Dibromo-3-chloropropane	92		91		68-130	1		30
Isopropylbenzene	103		99		70-130	4		30
1,2,3-Trichlorobenzene	90		93		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06,09 Batch: WG1937092-3 WG1937092-4								
1,2,4-Trichlorobenzene	97		96		70-130	1		30
Methyl Acetate	127		116		51-146	9		30
Cyclohexane	99		92		59-142	7		30
1,4-Dioxane	97		98		65-136	1		30
Freon-113	99		84		50-139	16		30
Methyl cyclohexane	92		86		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		109		70-130
Toluene-d8	101		103		70-130
4-Bromofluorobenzene	98		101		70-130
Dibromofluoromethane	97		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433539

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,11 Batch: WG1937146-3 WG1937146-4								
Methylene chloride	87		84		70-130	4		30
1,1-Dichloroethane	86		77		70-130	11		30
Chloroform	97		88		70-130	10		30
Carbon tetrachloride	92		82		70-130	11		30
1,2-Dichloropropane	99		94		70-130	5		30
Dibromochloromethane	84		83		70-130	1		30
1,1,2-Trichloroethane	91		90		70-130	1		30
Tetrachloroethene	96		84		70-130	13		30
Chlorobenzene	93		85		70-130	9		30
Trichlorofluoromethane	103		87		70-139	17		30
1,2-Dichloroethane	102		98		70-130	4		30
1,1,1-Trichloroethane	95		85		70-130	11		30
Bromodichloromethane	89		84		70-130	6		30
trans-1,3-Dichloropropene	91		87		70-130	4		30
cis-1,3-Dichloropropene	92		87		70-130	6		30
Bromoform	77		77		70-130	0		30
1,1,2,2-Tetrachloroethane	82		80		70-130	2		30
Benzene	95		87		70-130	9		30
Toluene	92		82		70-130	11		30
Ethylbenzene	92		83		70-130	10		30
Chloromethane	**141**	Q	121		52-130	15		30
Bromomethane	109		94		57-147	15		30
Vinyl chloride	102		85		67-130	18		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,11 Batch: WG1937146-3 WG1937146-4								
Chloroethane	95		80		50-151	17		30
1,1-Dichloroethene	83		72		65-135	14		30
trans-1,2-Dichloroethene	83		72		70-130	14		30
Trichloroethene	95		86		70-130	10		30
1,2-Dichlorobenzene	92		86		70-130	7		30
1,3-Dichlorobenzene	93		86		70-130	8		30
1,4-Dichlorobenzene	93		85		70-130	9		30
Methyl tert butyl ether	80		80		66-130	0		30
p/m-Xylene	95		85		70-130	11		30
o-Xylene	92		84		70-130	9		30
cis-1,2-Dichloroethene	87		77		70-130	12		30
Styrene	92		85		70-130	8		30
Dichlorodifluoromethane	120		102		30-146	16		30
Acetone	94		99		54-140	5		30
Carbon disulfide	90		77		59-130	16		30
2-Butanone	92		101		70-130	9		30
4-Methyl-2-pentanone	79		85		70-130	7		30
2-Hexanone	78		86		70-130	10		30
Bromochloromethane	91		86		70-130	6		30
1,2-Dibromoethane	89		87		70-130	2		30
1,2-Dibromo-3-chloropropane	73		74		68-130	1		30
Isopropylbenzene	92		82		70-130	11		30
1,2,3-Trichlorobenzene	90		84		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,11 Batch: WG1937146-3 WG1937146-4								
1,2,4-Trichlorobenzene	90		83		70-130	8		30
Methyl Acetate	94		100		51-146	6		30
Cyclohexane	100		86		59-142	15		30
1,4-Dioxane	85		93		65-136	9		30
Freon-113	92		79		50-139	15		30
Methyl cyclohexane	86		75		70-130	14		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		113		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	103		105		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,11 QC Batch ID: WG1937146-6 WG1937146-7 QC Sample: L2433539-11 Client ID: TB-DOC33-061324-1420												
Methylene chloride	ND	154	63	**41**	Q	63	**42**	Q	70-130	1		30
1,1-Dichloroethane	ND	154	110	**69**	Q	100	**69**	Q	70-130	2		30
Chloroform	ND	154	98	**64**	Q	95	**63**	Q	70-130	3		30
Carbon tetrachloride	ND	154	120	79		120	77		70-130	5		30
1,2-Dichloropropane	ND	154	110	72		110	70		70-130	4		30
Dibromochloromethane	ND	154	68	**44**	Q	66	**44**	Q	70-130	3		30
1,1,2-Trichloroethane	ND	154	95	**62**	Q	92	**61**	Q	70-130	4		30
Tetrachloroethene	ND	154	72	**46**	Q	66	**44**	Q	70-130	8		30
Chlorobenzene	ND	154	45	**29**	Q	43	**28**	Q	70-130	5		30
Trichlorofluoromethane	ND	154	160	103		160	103		70-139	1		30
1,2-Dichloroethane	ND	154	67	**43**	Q	66	**44**	Q	70-130	1		30
1,1,1-Trichloroethane	ND	154	140	89		130	87		70-130	4		30
Bromodichloromethane	ND	154	74	**48**	Q	72	**48**	Q	70-130	2		30
trans-1,3-Dichloropropene	ND	154	27	**17**	Q	26	**17**	Q	70-130	1		30
cis-1,3-Dichloropropene	ND	154	33	**21**	Q	32	**21**	Q	70-130	1		30
Bromoform	ND	154	85	**56**	Q	79	**52**	Q	70-130	8		30
1,1,2,2-Tetrachloroethane	ND	154	120	78		110	75		70-130	6		30
Benzene	ND	154	88	**58**	Q	85	**56**	Q	70-130	4		30
Toluene	ND	154	76	**49**	Q	70	**47**	Q	70-130	8		30
Ethylbenzene	ND	154	64	**42**	Q	60	**40**	Q	70-130	7		30
Chloromethane	ND	154	190	126		190	127		52-130	1		30
Bromomethane	ND	154	97	63		92	61		57-147	5		30
Vinyl chloride	ND	154	130	82		120	82		67-130	2		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,11 QC Batch ID: WG1937146-6 WG1937146-7 QC Sample: L2433539-11 Client ID: TB-DOC33-061324-1420												
Chloroethane	ND	154	100	65		100	66		50-151	0		30
1,1-Dichloroethene	ND	154	80	**52**	Q	80	**53**	Q	65-135	1		30
trans-1,2-Dichloroethene	ND	154	42	**27**	Q	42	**28**	Q	70-130	0		30
Trichloroethene	0.96	154	51	**32**	Q	49	**32**	Q	70-130	4		30
1,2-Dichlorobenzene	ND	154	46	**30**	Q	43	**28**	Q	70-130	7		30
1,3-Dichlorobenzene	ND	154	41	**27**	Q	38	**25**	Q	70-130	9		30
1,4-Dichlorobenzene	0.27J	154	39	**25**	Q	33	**22**	Q	70-130	16		30
Methyl tert butyl ether	ND	154	140	91		140	93		66-130	0		30
p/m-Xylene	ND	308	120	**40**	Q	120	**38**	Q	70-130	7		30
o-Xylene	ND	308	140	**47**	Q	140	**46**	Q	70-130	4		30
cis-1,2-Dichloroethene	ND	154	46	**30**	Q	45	**30**	Q	70-130	3		30
Styrene	ND	308	70	**23**	Q	65	**22**	Q	70-130	7		30
Dichlorodifluoromethane	ND	154	220	140		210	140		30-146	2		30
Acetone	ND	154	180	114		160	103		54-140	12		30
Carbon disulfide	ND	154	43	**28**	Q	45	**30**	Q	59-130	4		30
2-Butanone	ND	154	140	91		140	90		70-130	3		30
4-Methyl-2-pentanone	ND	154	140	88		130	86		70-130	4		30
2-Hexanone	ND	154	71	**46**	Q	74	**49**	Q	70-130	3		30
Bromochloromethane	ND	154	53	**34**	Q	53	**35**	Q	70-130	1		30
1,2-Dibromoethane	ND	154	41	**26**	Q	40	**27**	Q	70-130	1		30
1,2-Dibromo-3-chloropropane	ND	154	75	**49**	Q	71	**47**	Q	68-130	5		30
Isopropylbenzene	ND	154	100	**66**	Q	96	**63**	Q	70-130	7		30
1,2,3-Trichlorobenzene	ND	154	21	**13**	Q	20	**13**	Q	70-130	2		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,11 QC Batch ID: WG1937146-6 WG1937146-7 QC Sample: L2433539-11 Client ID: TB-DOC33-061324-1420												
1,2,4-Trichlorobenzene	0.70J	154	22	**14**	Q	20	**13**	Q	70-130	9		30
Methyl Acetate	ND	154	120	80		140	91		51-146	11		30
Cyclohexane	ND	154	120	77		120	76		59-142	3		30
1,4-Dioxane	ND	7690	13000	**164**	Q	12000	**154**	Q	65-136	8		30
Freon-113	ND	154	130	87		130	87		50-139	2		30
Methyl cyclohexane	ND	154	66	**43**	Q	65	**43**	Q	70-130	3		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		113		70-130
4-Bromofluorobenzene	**131**	Q	**131**	Q	70-130
Dibromofluoromethane	101		103		70-130
Toluene-d8	117		116		70-130

SEMIVOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-01
Client ID: TB-DOC23-061324-0800
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 08:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/19/24 23:38
Analyst: SZ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	180		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	9700	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	540		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	93	J	ug/kg	180	62.	1
Butyl benzyl phthalate	160	J	ug/kg	180	45.	1
Di-n-butylphthalate	210		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	5200		ug/kg	110	20.	1
Benzo(a)pyrene	5000		ug/kg	140	44.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-01 Date Collected: 06/13/24 08:00

Client ID: TB-DOC23-061324-0800 Date Received: 06/13/24

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						
Benzo(b)fluoranthene	6900		ug/kg	110	30.	1
Benzo(k)fluoranthene	1700		ug/kg	110	29.	1
Chrysene	4900		ug/kg	110	19.	1
Acenaphthylene	1200		ug/kg	140	28.	1
Anthracene	1300		ug/kg	110	35.	1
Benzo(ghi)perylene	3200		ug/kg	140	21.	1
Fluorene	330		ug/kg	180	18.	1
Phenanthrene	4100		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	630		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	3000		ug/kg	140	25.	1
Pyrene	9900	E	ug/kg	110	18.	1
Biphenyl	78	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	240		ug/kg	180	17.	1
2-Methylnaphthalene	470		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	92	J	ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	270		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	160	J	ug/kg	240	49.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-01 Date Collected: 06/13/24 08:00

Client ID: TB-DOC23-061324-0800 Date Received: 06/13/24

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						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	51		10-136
4-Terphenyl-d14	60		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-01 D
Client ID: TB-DOC23-061324-0800
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 08:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/21/24 08:56
Analyst: SZ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	11000		ug/kg	540	100	5
Pyrene	11000		ug/kg	540	90.	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-02
Client ID: TB-DOC24-061324-0810
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 08:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 00:01
Analyst: SZ
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	76	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	2700		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	350		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	1500		ug/kg	100	20.	1
Benzo(a)pyrene	1800		ug/kg	140	42.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-02 Date Collected: 06/13/24 08:10

Client ID: TB-DOC24-061324-0810 Date Received: 06/13/24

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						
Benzo(b)fluoranthene	3200		ug/kg	100	29.	1
Benzo(k)fluoranthene	650		ug/kg	100	28.	1
Chrysene	2000		ug/kg	100	18.	1
Acenaphthylene	310		ug/kg	140	27.	1
Anthracene	430		ug/kg	100	34.	1
Benzo(ghi)perylene	1700		ug/kg	140	20.	1
Fluorene	93	J	ug/kg	170	17.	1
Phenanthrene	1200		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	310		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	140	24.	1
Pyrene	2600		ug/kg	100	17.	1
Biphenyl	56	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	140	J	ug/kg	170	16.	1
2-Methylnaphthalene	360		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	45	J	ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	290		ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-02 Date Collected: 06/13/24 08:10

Client ID: TB-DOC24-061324-0810 Date Received: 06/13/24

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						
Caprolactam	ND		ug/kg	170	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	45		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	43		10-136
4-Terphenyl-d14	51		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-03
Client ID: TB-DOC25-061324-0830
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 08:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 06:08
Analyst: KB
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	25	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	46.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	850		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	73	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	1100		ug/kg	180	60.	1
Butyl benzyl phthalate	120	J	ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	400		ug/kg	100	20.	1
Benzo(a)pyrene	460		ug/kg	140	43.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-03 Date Collected: 06/13/24 08:30

Client ID: TB-DOC25-061324-0830 Date Received: 06/13/24

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						
Benzo(b)fluoranthene	630		ug/kg	100	29.	1
Benzo(k)fluoranthene	210		ug/kg	100	28.	1
Chrysene	420		ug/kg	100	18.	1
Acenaphthylene	61	J	ug/kg	140	27.	1
Anthracene	110		ug/kg	100	34.	1
Benzo(ghi)perylene	330		ug/kg	140	20.	1
Fluorene	31	J	ug/kg	180	17.	1
Phenanthrene	400		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	57	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	290		ug/kg	140	24.	1
Pyrene	720		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	31	J	ug/kg	180	16.	1
2-Methylnaphthalene	63	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	56	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-03 Date Collected: 06/13/24 08:30

Client ID: TB-DOC25-061324-0830 Date Received: 06/13/24

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						
Caprolactam	ND		ug/kg	180	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	62		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-04
Client ID: TB-DOC26-061324-0840
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 08:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 09:21
Analyst: KB
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	160		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	6300		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	920		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	3800		ug/kg	110	20.	1
Benzo(a)pyrene	4900		ug/kg	140	43.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-04 Date Collected: 06/13/24 08:40

Client ID: TB-DOC26-061324-0840 Date Received: 06/13/24

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						
Benzo(b)fluoranthene	5400		ug/kg	110	30.	1
Benzo(k)fluoranthene	1300		ug/kg	110	28.	1
Chrysene	3400		ug/kg	110	18.	1
Acenaphthylene	3500		ug/kg	140	27.	1
Anthracene	1500		ug/kg	110	35.	1
Benzo(ghi)perylene	4700		ug/kg	140	21.	1
Fluorene	380		ug/kg	180	17.	1
Phenanthrene	2600		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	440		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	3300		ug/kg	140	25.	1
Pyrene	8600	E	ug/kg	110	18.	1
Biphenyl	140	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	110	J	ug/kg	180	17.	1
2-Methylnaphthalene	290		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	68	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	33	J	ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	120	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-04 Date Collected: 06/13/24 08:40

Client ID: TB-DOC26-061324-0840 Date Received: 06/13/24

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						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	47		10-120
Nitrobenzene-d5	35		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	53		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2433539
Project Number: 0200336-002
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-04 D
Client ID: TB-DOC26-061324-0840
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 08:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/21/24 09:50
Analyst: LJG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Pyrene	16000		ug/kg	530	88.	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-05
Client ID: TB-DOC27-061324-1010
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 10:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 07:20
Analyst: KB
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	180		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	7300		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	540		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	99	J	ug/kg	190	67.	1
Butyl benzyl phthalate	60	J	ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	4200		ug/kg	120	22.	1
Benzo(a)pyrene	4500		ug/kg	150	47.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-05 Date Collected: 06/13/24 10:10

Client ID: TB-DOC27-061324-1010 Date Received: 06/13/24

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						
Benzo(b)fluoranthene	5300		ug/kg	120	32.	1
Benzo(k)fluoranthene	1500		ug/kg	120	31.	1
Chrysene	4100		ug/kg	120	20.	1
Acenaphthylene	2700		ug/kg	150	30.	1
Anthracene	5600		ug/kg	120	38.	1
Benzo(ghi)perylene	4100		ug/kg	150	23.	1
Fluorene	560		ug/kg	190	19.	1
Phenanthrene	6800		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	440		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	3100		ug/kg	150	27.	1
Pyrene	8800	E	ug/kg	120	19.	1
Biphenyl	100	J	ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	150	J	ug/kg	190	18.	1
2-Methylnaphthalene	390		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	58	J	ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	120	J	ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-05 Date Collected: 06/13/24 10:10

Client ID: TB-DOC27-061324-1010 Date Received: 06/13/24

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						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	47		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	54		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2433539
Project Number: 0200336-002
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-05 D
Client ID: TB-DOC27-061324-1010
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 10:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/21/24 09:27
Analyst: LJG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Pyrene	20000		ug/kg	580	96.	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-06
Client ID: TB-DOC28-061324-1300
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 13:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 07:44
Analyst: KB
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	3600		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	1000		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	110	J	ug/kg	190	66.	1
Butyl benzyl phthalate	280		ug/kg	190	48.	1
Di-n-butylphthalate	39	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	2600		ug/kg	110	21.	1
Benzo(a)pyrene	2400		ug/kg	150	46.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-06 Date Collected: 06/13/24 13:00

Client ID: TB-DOC28-061324-1300 Date Received: 06/13/24

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						
Benzo(b)fluoranthene	4200		ug/kg	110	32.	1
Benzo(k)fluoranthene	970		ug/kg	110	30.	1
Chrysene	2500		ug/kg	110	20.	1
Acenaphthylene	990		ug/kg	150	29.	1
Anthracene	1000		ug/kg	110	37.	1
Benzo(ghi)perylene	2100		ug/kg	150	22.	1
Fluorene	180	J	ug/kg	190	18.	1
Phenanthrene	1900		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	370		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1900		ug/kg	150	26.	1
Pyrene	3500		ug/kg	110	19.	1
Biphenyl	120	J	ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	350		ug/kg	190	18.	1
2-Methylnaphthalene	1100		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	170	J	ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	48	J	ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	310		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-06 Date Collected: 06/13/24 13:00

Client ID: TB-DOC28-061324-1300 Date Received: 06/13/24

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						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		25-120
Phenol-d6	44		10-120
Nitrobenzene-d5	44		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	54		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-07
Client ID: TB-DOC29-061324-1310
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 13:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 04:55
Analyst: KB
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	35	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	3300		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	270		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	2300		ug/kg	110	21.	1
Benzo(a)pyrene	3100		ug/kg	150	45.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-07 Date Collected: 06/13/24 13:10

Client ID: TB-DOC29-061324-1310 Date Received: 06/13/24

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						
Benzo(b)fluoranthene	3500		ug/kg	110	31.	1
Benzo(k)fluoranthene	710		ug/kg	110	29.	1
Chrysene	2100		ug/kg	110	19.	1
Acenaphthylene	1100		ug/kg	150	28.	1
Anthracene	560		ug/kg	110	36.	1
Benzo(ghi)perylene	3000		ug/kg	150	22.	1
Fluorene	88	J	ug/kg	180	18.	1
Phenanthrene	1100		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	310		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2200		ug/kg	150	26.	1
Pyrene	4600		ug/kg	110	18.	1
Biphenyl	58	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	67	J	ug/kg	180	17.	1
2-Methylnaphthalene	180	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	42	J	ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	30	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-07 Date Collected: 06/13/24 13:10

Client ID: TB-DOC29-061324-1310 Date Received: 06/13/24

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						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	70		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-08
Client ID: TB-DOC30-061324-1330
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 13:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 05:44
Analyst: MRG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	60	J	ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	2200		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	230		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	40	J	ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	2300		ug/kg	110	20.	1
Benzo(a)pyrene	3100		ug/kg	140	44.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-08 Date Collected: 06/13/24 13:30

Client ID: TB-DOC30-061324-1330 Date Received: 06/13/24

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						
Benzo(b)fluoranthene	9800	E	ug/kg	110	31.	1
Benzo(k)fluoranthene	1200		ug/kg	110	29.	1
Chrysene	3600		ug/kg	110	19.	1
Acenaphthylene	240		ug/kg	140	28.	1
Anthracene	230		ug/kg	110	35.	1
Benzo(ghi)perylene	4800		ug/kg	140	21.	1
Fluorene	72	J	ug/kg	180	18.	1
Phenanthrene	1000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1400		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	4500		ug/kg	140	25.	1
Pyrene	2000		ug/kg	110	18.	1
Biphenyl	36	J	ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	110	J	ug/kg	180	17.	1
2-Methylnaphthalene	280		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	57	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	120	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-08 Date Collected: 06/13/24 13:30

Client ID: TB-DOC30-061324-1330 Date Received: 06/13/24

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						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	59		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2433539
Project Number: 0200336-002
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-08 D
Client ID: TB-DOC30-061324-1330
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 13:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/21/24 08:41
Analyst: LJG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	14000		ug/kg	540	150	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09
Client ID: TB-DOC31-061324-1340
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 13:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 06:56
Analyst: MRG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	3800		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	1100		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	440		ug/kg	180	44.	1
Di-n-butylphthalate	120	J	ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	2500		ug/kg	100	20.	1
Benzo(a)pyrene	3200		ug/kg	140	43.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09 Date Collected: 06/13/24 13:40

Client ID: TB-DOC31-061324-1340 Date Received: 06/13/24

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						
Benzo(b)fluoranthene	4800		ug/kg	100	30.	1
Benzo(k)fluoranthene	1300		ug/kg	100	28.	1
Chrysene	2800		ug/kg	100	18.	1
Acenaphthylene	930		ug/kg	140	27.	1
Anthracene	1400		ug/kg	100	34.	1
Benzo(ghi)perylene	2600		ug/kg	140	21.	1
Fluorene	280		ug/kg	180	17.	1
Phenanthrene	2400		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	460		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	2300		ug/kg	140	24.	1
Pyrene	3400		ug/kg	100	17.	1
Biphenyl	140	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	440		ug/kg	180	17.	1
2-Methylnaphthalene	1200		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	180		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	34	J	ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	62	J	ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	370		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09 Date Collected: 06/13/24 13:40

Client ID: TB-DOC31-061324-1340 Date Received: 06/13/24

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						
Caprolactam	ND		ug/kg	180	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		25-120
Phenol-d6	40		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	54		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09
Client ID: TB-DOC31-061324-1340
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 13:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/25/24 16:15
Analyst: AC
Percent Solids: 93%

Extraction Method: EPA 1633
Extraction Date: 06/24/24 04:36
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.225	J	ng/g	0.794	0.050	1
Perfluoropentanoic Acid (PFPeA)	0.143	J	ng/g	0.397	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.794	0.080	1
Perfluorohexanoic Acid (PFHxA)	0.125	J	ng/g	0.198	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.110	J	ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.059	1
Perfluorooctanoic Acid (PFOA)	0.387		ng/g	0.198	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.794	0.278	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.037	1
Perfluorononanoic Acid (PFNA)	0.083	J	ng/g	0.198	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	1.11		ng/g	0.198	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.794	0.384	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.794	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.794	0.145	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.038	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09 Date Collected: 06/13/24 13:40

Client ID: TB-DOC31-061324-1340 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.794	0.194	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.794	0.166	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.111	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.248	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.507	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.397	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.993	0.143	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.501	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	1.75	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09 Date Collected: 06/13/24 13:40

Client ID: TB-DOC31-061324-1340 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	71		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	69		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	71		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	135		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	69		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	65		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	71		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	95		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	72		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	71		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	146		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	136		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	86		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	125		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	81		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	72		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	59		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	71		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	80		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	94		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80		20-150

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-10
Client ID: TB-DOC32-061324-1410
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 14:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 05:19
Analyst: KB
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	64	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	980		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	140	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	980		ug/kg	110	21.	1
Benzo(a)pyrene	2300		ug/kg	150	45.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-10 Date Collected: 06/13/24 14:10

Client ID: TB-DOC32-061324-1410 Date Received: 06/13/24

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						
Benzo(b)fluoranthene	2500		ug/kg	110	31.	1
Benzo(k)fluoranthene	600		ug/kg	110	29.	1
Chrysene	940		ug/kg	110	19.	1
Acenaphthylene	200		ug/kg	150	28.	1
Anthracene	280		ug/kg	110	36.	1
Benzo(ghi)perylene	1600		ug/kg	150	22.	1
Fluorene	84	J	ug/kg	180	18.	1
Phenanthrene	670		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	350		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1500		ug/kg	150	26.	1
Pyrene	840		ug/kg	110	18.	1
Biphenyl	29	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	76	J	ug/kg	180	17.	1
2-Methylnaphthalene	88	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	24	J	ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	40	J	ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	69	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-10 Date Collected: 06/13/24 14:10

Client ID: TB-DOC32-061324-1410 Date Received: 06/13/24

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						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	67		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-11 D
Client ID: TB-DOC33-061324-1420
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 14:20
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/21/24 08:18
Analyst: LJG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	420	J	ug/kg	1500	190	10
Hexachlorobenzene	ND		ug/kg	1100	210	10
Bis(2-chloroethyl)ether	ND		ug/kg	1700	250	10
2-Chloronaphthalene	ND		ug/kg	1900	180	10
3,3'-Dichlorobenzidine	ND		ug/kg	1900	500	10
2,4-Dinitrotoluene	ND		ug/kg	1900	370	10
2,6-Dinitrotoluene	ND		ug/kg	1900	320	10
Fluoranthene	5100		ug/kg	1100	210	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1900	200	10
4-Bromophenyl phenyl ether	ND		ug/kg	1900	280	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2200	320	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2000	190	10
Hexachlorobutadiene	ND		ug/kg	1900	270	10
Hexachlorocyclopentadiene	ND		ug/kg	5300	1700	10
Hexachloroethane	ND		ug/kg	1500	300	10
Isophorone	ND		ug/kg	1700	240	10
Naphthalene	2100		ug/kg	1900	230	10
Nitrobenzene	ND		ug/kg	1700	280	10
NDPA/DPA	ND		ug/kg	1500	210	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1900	290	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1900	640	10
Butyl benzyl phthalate	ND		ug/kg	1900	470	10
Di-n-butylphthalate	ND		ug/kg	1900	350	10
Di-n-octylphthalate	ND		ug/kg	1900	630	10
Diethyl phthalate	ND		ug/kg	1900	170	10
Dimethyl phthalate	ND		ug/kg	1900	390	10
Benzo(a)anthracene	2800		ug/kg	1100	210	10
Benzo(a)pyrene	2800		ug/kg	1500	450	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-11 D
Client ID: TB-DOC33-061324-1420
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 14:20
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	4500		ug/kg	1100	310	10
Benzo(k)fluoranthene	1000	J	ug/kg	1100	300	10
Chrysene	3900		ug/kg	1100	190	10
Acenaphthylene	1400	J	ug/kg	1500	290	10
Anthracene	1600		ug/kg	1100	360	10
Benzo(ghi)perylene	3100		ug/kg	1500	220	10
Fluorene	570	J	ug/kg	1900	180	10
Phenanthrene	3600		ug/kg	1100	230	10
Dibenzo(a,h)anthracene	660	J	ug/kg	1100	220	10
Indeno(1,2,3-cd)pyrene	2100		ug/kg	1500	260	10
Pyrene	5900		ug/kg	1100	180	10
Biphenyl	320	J	ug/kg	4200	240	10
4-Chloroaniline	ND		ug/kg	1900	340	10
2-Nitroaniline	ND		ug/kg	1900	360	10
3-Nitroaniline	ND		ug/kg	1900	350	10
4-Nitroaniline	ND		ug/kg	1900	770	10
Dibenzofuran	900	J	ug/kg	1900	180	10
2-Methylnaphthalene	2000	J	ug/kg	2200	220	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1900	190	10
Acetophenone	ND		ug/kg	1900	230	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	350	10
p-Chloro-m-cresol	ND		ug/kg	1900	280	10
2-Chlorophenol	ND		ug/kg	1900	220	10
2,4-Dichlorophenol	ND		ug/kg	1700	300	10
2,4-Dimethylphenol	ND		ug/kg	1900	620	10
2-Nitrophenol	ND		ug/kg	4000	700	10
4-Nitrophenol	ND		ug/kg	2600	760	10
2,4-Dinitrophenol	ND		ug/kg	8900	870	10
4,6-Dinitro-o-cresol	ND		ug/kg	4800	890	10
Pentachlorophenol	ND		ug/kg	1500	410	10
Phenol	ND		ug/kg	1900	280	10
2-Methylphenol	ND		ug/kg	1900	290	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2700	290	10
2,4,5-Trichlorophenol	ND		ug/kg	1900	360	10
Carbazole	470	J	ug/kg	1900	180	10
Atrazine	ND		ug/kg	1500	650	10
Benzaldehyde	ND		ug/kg	2500	500	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-11 D
Client ID: TB-DOC33-061324-1420
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 14:20
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1900	570	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1900	380	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		25-120
Phenol-d6	42		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	66		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-12
Client ID: 4444-061324-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 00:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/20/24 08:32
Analyst: MRG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	3300		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	550		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	180		ug/kg	180	44.	1
Di-n-butylphthalate	150	J	ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	1800		ug/kg	100	20.	1
Benzo(a)pyrene	2500		ug/kg	140	43.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-12 Date Collected: 06/13/24 00:00

Client ID: 4444-061324-0001 Date Received: 06/13/24

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						
Benzo(b)fluoranthene	3900		ug/kg	100	30.	1
Benzo(k)fluoranthene	800		ug/kg	100	28.	1
Chrysene	2400		ug/kg	100	18.	1
Acenaphthylene	750		ug/kg	140	27.	1
Anthracene	1000		ug/kg	100	34.	1
Benzo(ghi)perylene	2000		ug/kg	140	21.	1
Fluorene	180		ug/kg	180	17.	1
Phenanthrene	1800		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	370		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	1800		ug/kg	140	24.	1
Pyrene	2900		ug/kg	100	18.	1
Biphenyl	73	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	220		ug/kg	180	17.	1
2-Methylnaphthalene	500		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	65	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	43	J	ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	420		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-12 Date Collected: 06/13/24 00:00

Client ID: 4444-061324-0001 Date Received: 06/13/24

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						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	43		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	67		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/19/24 10:01
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1935862-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/19/24 10:01
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1935862-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/19/24 10:01
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/18/24 11:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1935862-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	92		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/25/24 11:13
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/24/24 04:36
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 09 Batch: WG1937998-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/25/24 11:13
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/24/24 04:36
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 09 Batch: WG1937998-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/25/24 11:13
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/24/24 04:36
Cleanup Method: EPA 1633
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 09 Batch: WG1937998-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**201**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	68		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**194**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	96		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	67		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	67		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	71		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1935862-2 WG1935862-3								
Acenaphthene	80		80		31-137	0		50
Hexachlorobenzene	70		71		40-140	1		50
Bis(2-chloroethyl)ether	75		74		40-140	1		50
2-Chloronaphthalene	82		80		40-140	2		50
3,3'-Dichlorobenzidine	74		74		40-140	0		50
2,4-Dinitrotoluene	88		89		40-132	1		50
2,6-Dinitrotoluene	89		88		40-140	1		50
Fluoranthene	92		90		40-140	2		50
4-Chlorophenyl phenyl ether	87		88		40-140	1		50
4-Bromophenyl phenyl ether	81		81		40-140	0		50
Bis(2-chloroisopropyl)ether	117		109		40-140	7		50
Bis(2-chloroethoxy)methane	81		78		40-117	4		50
Hexachlorobutadiene	83		84		40-140	1		50
Hexachlorocyclopentadiene	71		71		40-140	0		50
Hexachloroethane	72		72		40-140	0		50
Isophorone	85		83		40-140	2		50
Naphthalene	72		72		40-140	0		50
Nitrobenzene	83		81		40-140	2		50
NDPA/DPA	84		83		36-157	1		50
n-Nitrosodi-n-propylamine	87		87		32-121	0		50
Bis(2-ethylhexyl)phthalate	76		75		40-140	1		50
Butyl benzyl phthalate	93		87		40-140	7		50
Di-n-butylphthalate	98		96		40-140	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1935862-2 WG1935862-3								
Di-n-octylphthalate	78		77		40-140	1		50
Diethyl phthalate	85		85		40-140	0		50
Dimethyl phthalate	90		88		40-140	2		50
Benzo(a)anthracene	86		86		40-140	0		50
Benzo(a)pyrene	82		79		40-140	4		50
Benzo(b)fluoranthene	78		77		40-140	1		50
Benzo(k)fluoranthene	78		75		40-140	4		50
Chrysene	81		79		40-140	3		50
Acenaphthylene	88		86		40-140	2		50
Anthracene	86		85		40-140	1		50
Benzo(ghi)perylene	84		84		40-140	0		50
Fluorene	83		84		40-140	1		50
Phenanthrene	81		80		40-140	1		50
Dibenzo(a,h)anthracene	90		89		40-140	1		50
Indeno(1,2,3-cd)pyrene	85		85		40-140	0		50
Pyrene	92		88		35-142	4		50
Biphenyl	73		72		37-127	1		50
4-Chloroaniline	90		86		40-140	5		50
2-Nitroaniline	86		82		47-134	5		50
3-Nitroaniline	76		75		26-129	1		50
4-Nitroaniline	83		82		41-125	1		50
Dibenzofuran	80		80		40-140	0		50
2-Methylnaphthalene	80		80		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433539

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1935862-2 WG1935862-3								
1,2,4,5-Tetrachlorobenzene	77		75		40-117	3		50
Acetophenone	74		73		14-144	1		50
2,4,6-Trichlorophenol	92		90		30-130	2		50
p-Chloro-m-cresol	96		90		26-103	6		50
2-Chlorophenol	76		74		25-102	3		50
2,4-Dichlorophenol	84		83		30-130	1		50
2,4-Dimethylphenol	82		78		30-130	5		50
2-Nitrophenol	76		76		30-130	0		50
4-Nitrophenol	104		95		11-114	9		50
2,4-Dinitrophenol	68		66		4-130	3		50
4,6-Dinitro-o-cresol	82		84		10-130	2		50
Pentachlorophenol	73		72		17-109	1		50
Phenol	81		79		26-90	3		50
2-Methylphenol	84		80		30-130.	5		50
3-Methylphenol/4-Methylphenol	82		80		30-130	2		50
2,4,5-Trichlorophenol	93		92		30-130	1		50
Carbazole	83		83		54-128	0		50
Atrazine	81		80		40-140	1		50
Benzaldehyde	62		60		40-140	3		50
Caprolactam	124		115		15-130	8		50
2,3,4,6-Tetrachlorophenol	88		89		40-140	1		50
1,4-Dioxane	42		42		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1935862-2 WG1935862-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		68		25-120
Phenol-d6	74		74		10-120
Nitrobenzene-d5	76		73		23-120
2-Fluorobiphenyl	76		74		30-120
2,4,6-Tribromophenol	59		59		10-136
4-Terphenyl-d14	78		77		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433539

Report Date: 06/27/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1937998-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	96		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	99		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	93		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	90		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	106		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	100		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	104		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	91		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	95		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	96		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	93		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	100		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	94		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	93		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	110		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	98		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	84		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	92		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	97		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	98		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	88		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	99		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433539

Report Date: 06/27/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1937998-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	115		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	104		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	98		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	98		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	68		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	90		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	85		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	101		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	102		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	98		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	99		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	100		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	95		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	102		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	112		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	95		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	102		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	128		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433539

Report Date: 06/27/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1937998-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	136				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	72				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	105				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	96				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**179**	Q			20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	58				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	56				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	68				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	71				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1937998-3								
Perfluorobutanoic Acid (PFBA)	98		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	101		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	99		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	100		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	109		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	101		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	100		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	89		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	104		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	101		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	105		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	95		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	106		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	120		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	90		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	98		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	108		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	99		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	92		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	98		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1937998-3								
Perfluorotridecanoic Acid (PFTrDA)	126		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	111		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	99		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	99		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	78		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	90		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	89		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	106		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	109		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	107		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	102		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	102		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	101		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	95		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	116		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	95		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	103		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	**160**	Q	-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1937998-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	123				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	73				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	100				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	84				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**207**	Q			20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	79				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	49				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	72				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74				20-150

PCBS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09
Client ID: TB-DOC31-061324-1340
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 13:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/19/24 09:12
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/18/24 14:16
Cleanup Method: EPA 3665A
Cleanup Date: 06/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.4	4.56	1	A
Aroclor 1221	ND		ug/kg	51.4	5.15	1	A
Aroclor 1232	ND		ug/kg	51.4	10.9	1	A
Aroclor 1242	ND		ug/kg	51.4	6.93	1	A
Aroclor 1248	ND		ug/kg	51.4	7.71	1	A
Aroclor 1254	38.6	J	ug/kg	51.4	5.62	1	A
Aroclor 1260	106		ug/kg	51.4	9.50	1	B
Aroclor 1262	ND		ug/kg	51.4	6.53	1	A
Aroclor 1268	ND		ug/kg	51.4	5.32	1	A
PCBs, Total	145	J	ug/kg	51.4	4.56	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/19/24 07:15
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/18/24 14:16
Cleanup Method: EPA 3665A
Cleanup Date: 06/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 09 Batch: WG1935964-1						
Aroclor 1016	ND		ug/kg	45.7	4.06	A
Aroclor 1221	ND		ug/kg	45.7	4.58	A
Aroclor 1232	ND		ug/kg	45.7	9.69	A
Aroclor 1242	ND		ug/kg	45.7	6.16	A
Aroclor 1248	ND		ug/kg	45.7	6.86	A
Aroclor 1254	ND		ug/kg	45.7	5.00	A
Aroclor 1260	ND		ug/kg	45.7	8.45	A
Aroclor 1262	ND		ug/kg	45.7	5.80	A
Aroclor 1268	ND		ug/kg	45.7	4.73	A
PCBs, Total	ND		ug/kg	45.7	4.06	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	79		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433539

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 09 Batch: WG1935964-2 WG1935964-3									
Aroclor 1016	79		74		40-140	7		50	A
Aroclor 1260	78		72		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		60		30-150	A
Decachlorobiphenyl	83		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		64		30-150	B
Decachlorobiphenyl	86		78		30-150	B

PESTICIDES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09
Client ID: TB-DOC31-061324-1340
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 13:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/20/24 09:50
Analyst: AKM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/19/24 15:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.328	1	A
Lindane	ND		ug/kg	0.697	0.312	1	A
Alpha-BHC	ND		ug/kg	0.697	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.634	1	A
Heptachlor	ND		ug/kg	0.836	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.589	1	A
Heptachlor epoxide	ND		ug/kg	3.14	0.941	1	A
Endrin	ND		ug/kg	0.697	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.732	1	A
Endrin ketone	ND		ug/kg	1.67	0.431	1	A
Dieldrin	ND		ug/kg	1.04	0.523	1	A
4,4'-DDE	ND		ug/kg	1.67	0.387	1	A
4,4'-DDD	ND		ug/kg	1.67	0.597	1	A
4,4'-DDT	13.4		ug/kg	1.67	1.34	1	B
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.559	1	A
Endosulfan sulfate	ND		ug/kg	0.697	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.976	1	A
Toxaphene	ND		ug/kg	31.4	8.78	1	A
cis-Chlordane	ND		ug/kg	2.09	0.583	1	A
trans-Chlordane	ND		ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.9	5.54	1	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09 Date Collected: 06/13/24 13:40

Client ID: TB-DOC31-061324-1340 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2433539
Project Number: 0200336-002
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09
Client ID: TB-DOC31-061324-1340
Sample Location: ROCHESTER, NY

Date Collected: 06/13/24 13:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/20/24 23:03
Analyst: AKM
Percent Solids: 93%
Methylation Date: 06/20/24 13:07

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 09:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	178	11.2	1	A
2,4,5-T	ND		ug/kg	178	5.52	1	A
2,4,5-TP (Silvex)	ND		ug/kg	178	4.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	93		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/20/24 21:30
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 09:18

Methylation Date: 06/20/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 09 Batch: WG1936386-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.09	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.36	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	85		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/20/24 08:09
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/19/24 15:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09 Batch: WG1936634-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.638	0.285	A
Alpha-BHC	ND		ug/kg	0.638	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.766	0.343	A
Aldrin	ND		ug/kg	1.53	0.539	A
Heptachlor epoxide	ND		ug/kg	2.87	0.862	A
Endrin	ND		ug/kg	0.638	0.262	A
Endrin aldehyde	ND		ug/kg	1.91	0.670	A
Endrin ketone	ND		ug/kg	1.53	0.394	A
Dieldrin	ND		ug/kg	0.957	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.354	A
4,4'-DDD	ND		ug/kg	1.53	0.546	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.638	0.304	A
Methoxychlor	ND		ug/kg	2.87	0.893	A
Toxaphene	ND		ug/kg	28.7	8.04	A
cis-Chlordane	ND		ug/kg	1.91	0.534	A
trans-Chlordane	ND		ug/kg	1.91	0.505	A
Chlordane	ND		ug/kg	12.8	5.07	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/20/24 08:09
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 06/19/24 15:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09 Batch: WG1936634-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	94		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1936386-2 WG1936386-3									
2,4-D	84		88		30-150	5		30	A
2,4,5-T	87		94		30-150	8		30	A
2,4,5-TP (Silvex)	82		87		30-150	6		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	88		91		30-150	A
DCAA	93		99		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433539

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1936634-2 WG1936634-3									
Delta-BHC	84		92		30-150	9		30	A
Lindane	80		86		30-150	7		30	A
Alpha-BHC	82		88		30-150	7		30	A
Beta-BHC	78		83		30-150	6		30	A
Heptachlor	81		89		30-150	9		30	A
Aldrin	80		84		30-150	5		30	A
Heptachlor epoxide	68		74		30-150	8		30	A
Endrin	84		90		30-150	7		30	A
Endrin aldehyde	71		72		30-150	1		30	A
Endrin ketone	79		85		30-150	7		30	A
Dieldrin	87		92		30-150	6		30	A
4,4'-DDE	77		82		30-150	6		30	A
4,4'-DDD	86		91		30-150	6		30	A
4,4'-DDT	87		95		30-150	9		30	A
Endosulfan I	78		81		30-150	4		30	A
Endosulfan II	82		88		30-150	7		30	A
Endosulfan sulfate	76		80		30-150	5		30	A
Methoxychlor	98		107		30-150	9		30	A
cis-Chlordane	74		77		30-150	4		30	A
trans-Chlordane	85		90		30-150	6		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1936634-2 WG1936634-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		78		30-150	A
Decachlorobiphenyl	72		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		89		30-150	B
Decachlorobiphenyl	87		94		30-150	B

METALS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-01 Date Collected: 06/13/24 08:00

Client ID: TB-DOC23-061324-0800 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4410		mg/kg	8.50	2.29	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Antimony, Total	1.52	J	mg/kg	4.25	0.323	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Arsenic, Total	14.0		mg/kg	0.850	0.177	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Barium, Total	62.7		mg/kg	0.850	0.148	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.321	J	mg/kg	0.425	0.028	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.45		mg/kg	0.850	0.083	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Calcium, Total	21300		mg/kg	8.50	2.97	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Chromium, Total	22.8		mg/kg	0.850	0.082	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.42		mg/kg	1.70	0.141	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Copper, Total	116		mg/kg	0.850	0.219	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Iron, Total	19900		mg/kg	4.25	0.767	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Lead, Total	228		mg/kg	4.25	0.228	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Magnesium, Total	10300		mg/kg	8.50	1.31	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Manganese, Total	331		mg/kg	0.850	0.135	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Mercury, Total	0.350		mg/kg	0.074	0.049	1	06/19/24 16:32	06/20/24 10:56	EPA 7471B	1,7471B	MJR
Nickel, Total	30.4		mg/kg	2.12	0.206	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Potassium, Total	480		mg/kg	212	12.2	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Selenium, Total	0.772	J	mg/kg	1.70	0.219	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Silver, Total	0.717		mg/kg	0.425	0.240	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Sodium, Total	61.4	J	mg/kg	170	2.68	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.70	0.268	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Vanadium, Total	13.1		mg/kg	0.850	0.172	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF
Zinc, Total	563		mg/kg	4.25	0.249	2	06/19/24 16:10	06/19/24 20:06	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-02 Date Collected: 06/13/24 08:10

Client ID: TB-DOC24-061324-0810 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3640		mg/kg	16.7	4.52	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Antimony, Total	4.89	J	mg/kg	8.37	0.636	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Arsenic, Total	16.5		mg/kg	1.67	0.348	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Barium, Total	103		mg/kg	1.67	0.291	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.305	J	mg/kg	0.837	0.055	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Cadmium, Total	3.53		mg/kg	1.67	0.164	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Calcium, Total	26300		mg/kg	16.7	5.86	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Chromium, Total	77.2		mg/kg	1.67	0.161	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Cobalt, Total	11.9		mg/kg	3.35	0.278	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Copper, Total	411		mg/kg	1.67	0.432	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Iron, Total	53000		mg/kg	8.37	1.51	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Lead, Total	430		mg/kg	8.37	0.449	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Magnesium, Total	9020		mg/kg	16.7	2.58	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Manganese, Total	794		mg/kg	1.67	0.266	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Mercury, Total	14.1		mg/kg	0.780	0.508	10	06/19/24 16:32	06/20/24 11:38	EPA 7471B	1,7471B	MJR
Nickel, Total	105		mg/kg	4.18	0.405	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Potassium, Total	402	J	mg/kg	418	24.1	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Selenium, Total	1.34	J	mg/kg	3.35	0.432	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Silver, Total	1.51		mg/kg	0.837	0.474	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Sodium, Total	117	J	mg/kg	335	5.27	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	3.35	0.527	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Vanadium, Total	15.2		mg/kg	1.67	0.340	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF
Zinc, Total	474		mg/kg	8.37	0.490	4	06/19/24 16:10	06/19/24 20:52	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-03 Date Collected: 06/13/24 08:30

Client ID: TB-DOC25-061324-0830 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3770		mg/kg	8.46	2.28	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Antimony, Total	0.587	J	mg/kg	4.23	0.321	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.37		mg/kg	0.846	0.176	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Barium, Total	33.4		mg/kg	0.846	0.147	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.221	J	mg/kg	0.423	0.028	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.275	J	mg/kg	0.846	0.083	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Calcium, Total	83100		mg/kg	8.46	2.96	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Chromium, Total	8.38		mg/kg	0.846	0.081	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Cobalt, Total	2.89		mg/kg	1.69	0.140	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Copper, Total	29.4		mg/kg	0.846	0.218	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Iron, Total	10100		mg/kg	4.23	0.764	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Lead, Total	60.8		mg/kg	4.23	0.227	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Magnesium, Total	25400		mg/kg	8.46	1.30	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Manganese, Total	296		mg/kg	0.846	0.134	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Mercury, Total	0.070	J	mg/kg	0.084	0.055	1	06/19/24 16:32	06/20/24 11:05	EPA 7471B	1,7471B	MJR
Nickel, Total	9.60		mg/kg	2.11	0.205	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Potassium, Total	680		mg/kg	211	12.2	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.69	0.218	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.423	0.239	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Sodium, Total	145	J	mg/kg	169	2.66	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.69	0.266	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Vanadium, Total	10.2		mg/kg	0.846	0.172	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF
Zinc, Total	71.7		mg/kg	4.23	0.248	2	06/19/24 16:10	06/19/24 20:13	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-04 Date Collected: 06/13/24 08:40

Client ID: TB-DOC26-061324-0840 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3850		mg/kg	8.55	2.31	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Antimony, Total	0.532	J	mg/kg	4.27	0.325	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Arsenic, Total	8.30		mg/kg	0.855	0.178	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Barium, Total	43.4		mg/kg	0.855	0.149	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.250	J	mg/kg	0.427	0.028	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.215	J	mg/kg	0.855	0.084	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Calcium, Total	42400		mg/kg	8.55	2.99	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Chromium, Total	7.68		mg/kg	0.855	0.082	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Cobalt, Total	3.70		mg/kg	1.71	0.142	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Copper, Total	36.3		mg/kg	0.855	0.220	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Iron, Total	13200		mg/kg	4.27	0.772	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Lead, Total	120		mg/kg	4.27	0.229	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Magnesium, Total	7660		mg/kg	8.55	1.32	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Manganese, Total	348		mg/kg	0.855	0.136	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Mercury, Total	0.306		mg/kg	0.083	0.054	1	06/19/24 16:32	06/20/24 11:08	EPA 7471B	1,7471B	MJR
Nickel, Total	8.08		mg/kg	2.14	0.207	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Potassium, Total	463		mg/kg	214	12.3	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Selenium, Total	0.259	J	mg/kg	1.71	0.220	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.427	0.242	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Sodium, Total	76.5	J	mg/kg	171	2.69	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.71	0.269	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Vanadium, Total	12.0		mg/kg	0.855	0.174	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF
Zinc, Total	75.4		mg/kg	4.27	0.250	2	06/19/24 16:10	06/19/24 20:17	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-05 Date Collected: 06/13/24 10:10

Client ID: TB-DOC27-061324-1010 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3760		mg/kg	9.08	2.45	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Antimony, Total	2.87	J	mg/kg	4.54	0.345	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Arsenic, Total	25.9		mg/kg	0.908	0.189	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Barium, Total	94.7		mg/kg	0.908	0.158	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.276	J	mg/kg	0.454	0.030	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.467	J	mg/kg	0.908	0.089	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Calcium, Total	20800		mg/kg	9.08	3.18	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Chromium, Total	8.40		mg/kg	0.908	0.087	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.24		mg/kg	1.82	0.151	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Copper, Total	57.2		mg/kg	0.908	0.234	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Iron, Total	14000		mg/kg	4.54	0.820	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Lead, Total	206		mg/kg	4.54	0.243	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Magnesium, Total	6160		mg/kg	9.08	1.40	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Manganese, Total	247		mg/kg	0.908	0.144	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Mercury, Total	0.440		mg/kg	0.090	0.059	1	06/19/24 16:32	06/20/24 11:12	EPA 7471B	1,7471B	MJR
Nickel, Total	9.41		mg/kg	2.27	0.220	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Potassium, Total	520		mg/kg	227	13.1	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Selenium, Total	0.585	J	mg/kg	1.82	0.234	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Silver, Total	0.366	J	mg/kg	0.454	0.257	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Sodium, Total	101	J	mg/kg	182	2.86	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Thallium, Total	0.352	J	mg/kg	1.82	0.286	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Vanadium, Total	10.6		mg/kg	0.908	0.184	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF
Zinc, Total	186		mg/kg	4.54	0.266	2	06/19/24 16:10	06/19/24 20:21	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-06 Date Collected: 06/13/24 13:00

Client ID: TB-DOC28-061324-1300 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3110		mg/kg	9.08	2.45	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Antimony, Total	3.29	J	mg/kg	4.54	0.345	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Arsenic, Total	33.2		mg/kg	0.908	0.189	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Barium, Total	71.1		mg/kg	0.908	0.158	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.283	J	mg/kg	0.454	0.030	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.48		mg/kg	0.908	0.089	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Calcium, Total	59800		mg/kg	9.08	3.18	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Chromium, Total	14.8		mg/kg	0.908	0.087	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Cobalt, Total	3.68		mg/kg	1.82	0.151	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Copper, Total	115		mg/kg	0.908	0.234	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Iron, Total	18700		mg/kg	4.54	0.820	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Lead, Total	300		mg/kg	4.54	0.243	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Magnesium, Total	14900		mg/kg	9.08	1.40	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Manganese, Total	279		mg/kg	0.908	0.144	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Mercury, Total	0.336		mg/kg	0.086	0.056	1	06/19/24 16:32	06/20/24 11:22	EPA 7471B	1,7471B	MJR
Nickel, Total	15.9		mg/kg	2.27	0.220	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Potassium, Total	458		mg/kg	227	13.1	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Selenium, Total	1.06	J	mg/kg	1.82	0.234	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Silver, Total	0.811		mg/kg	0.454	0.257	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Sodium, Total	82.4	J	mg/kg	182	2.86	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.82	0.286	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Vanadium, Total	11.2		mg/kg	0.908	0.184	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF
Zinc, Total	428		mg/kg	4.54	0.266	2	06/19/24 16:10	06/19/24 20:34	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-07 Date Collected: 06/13/24 13:10

Client ID: TB-DOC29-061324-1310 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3090		mg/kg	8.60	2.32	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Antimony, Total	0.839	J	mg/kg	4.30	0.327	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Arsenic, Total	7.23		mg/kg	0.860	0.179	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Barium, Total	38.5		mg/kg	0.860	0.150	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.236	J	mg/kg	0.430	0.028	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.211	J	mg/kg	0.860	0.084	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Calcium, Total	19800		mg/kg	8.60	3.01	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Chromium, Total	6.25		mg/kg	0.860	0.083	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Cobalt, Total	3.93		mg/kg	1.72	0.143	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Copper, Total	32.8		mg/kg	0.860	0.222	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Iron, Total	10900		mg/kg	4.30	0.777	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Lead, Total	162		mg/kg	4.30	0.230	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Magnesium, Total	4270		mg/kg	8.60	1.32	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Manganese, Total	234		mg/kg	0.860	0.137	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Mercury, Total	0.409		mg/kg	0.081	0.053	1	06/19/24 16:32	06/20/24 11:25	EPA 7471B	1,7471B	MJR
Nickel, Total	8.70		mg/kg	2.15	0.208	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Potassium, Total	341		mg/kg	215	12.4	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Selenium, Total	0.517	J	mg/kg	1.72	0.222	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Silver, Total	0.369	J	mg/kg	0.430	0.243	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Sodium, Total	61.6	J	mg/kg	172	2.71	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.72	0.271	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Vanadium, Total	10.3		mg/kg	0.860	0.175	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF
Zinc, Total	62.0		mg/kg	4.30	0.252	2	06/19/24 16:10	06/19/24 20:38	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-08 Date Collected: 06/13/24 13:30

Client ID: TB-DOC30-061324-1330 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3840		mg/kg	8.64	2.33	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Antimony, Total	0.968	J	mg/kg	4.32	0.328	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Arsenic, Total	10.1		mg/kg	0.864	0.180	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Barium, Total	86.9		mg/kg	0.864	0.150	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.273	J	mg/kg	0.432	0.029	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.401	J	mg/kg	0.864	0.085	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Calcium, Total	17300		mg/kg	8.64	3.03	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Chromium, Total	10.8		mg/kg	0.864	0.083	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.31		mg/kg	1.73	0.144	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Copper, Total	55.5		mg/kg	0.864	0.223	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Iron, Total	33200		mg/kg	4.32	0.781	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Lead, Total	130		mg/kg	4.32	0.232	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Magnesium, Total	6220		mg/kg	8.64	1.33	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Manganese, Total	412		mg/kg	0.864	0.137	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Mercury, Total	0.421		mg/kg	0.076	0.050	1	06/19/24 16:32	06/20/24 11:28	EPA 7471B	1,7471B	MJR
Nickel, Total	113		mg/kg	2.16	0.209	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Potassium, Total	418		mg/kg	216	12.4	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Selenium, Total	0.555	J	mg/kg	1.73	0.223	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Silver, Total	0.271	J	mg/kg	0.432	0.245	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Sodium, Total	101	J	mg/kg	173	2.72	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Thallium, Total	0.290	J	mg/kg	1.73	0.272	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Vanadium, Total	12.8		mg/kg	0.864	0.176	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF
Zinc, Total	83.3		mg/kg	4.32	0.253	2	06/19/24 16:10	06/19/24 20:41	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09 Date Collected: 06/13/24 13:40

Client ID: TB-DOC31-061324-1340 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2900		mg/kg	8.42	2.27	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Antimony, Total	5.45		mg/kg	4.21	0.320	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Arsenic, Total	39.6		mg/kg	0.842	0.175	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Barium, Total	71.6		mg/kg	0.842	0.146	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.260	J	mg/kg	0.421	0.028	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.05		mg/kg	0.842	0.083	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Calcium, Total	15200		mg/kg	8.42	2.95	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Chromium, Total	10.1		mg/kg	0.842	0.081	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Cobalt, Total	3.50		mg/kg	1.68	0.140	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Copper, Total	108		mg/kg	0.842	0.217	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Iron, Total	19200		mg/kg	4.21	0.760	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Lead, Total	314		mg/kg	4.21	0.226	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Magnesium, Total	5170		mg/kg	8.42	1.30	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Manganese, Total	232		mg/kg	0.842	0.134	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Mercury, Total	0.550		mg/kg	0.080	0.052	1	06/19/24 16:32	06/20/24 11:32	EPA 7471B	1,7471B	MJR
Nickel, Total	16.0		mg/kg	2.10	0.204	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Potassium, Total	349		mg/kg	210	12.1	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Selenium, Total	1.07	J	mg/kg	1.68	0.217	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Silver, Total	0.654		mg/kg	0.421	0.238	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Sodium, Total	70.5	J	mg/kg	168	2.65	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.68	0.265	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Vanadium, Total	8.17		mg/kg	0.842	0.171	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF
Zinc, Total	286		mg/kg	4.21	0.247	2	06/19/24 16:10	06/19/24 20:45	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-10 Date Collected: 06/13/24 14:10

Client ID: TB-DOC32-061324-1410 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4040		mg/kg	8.68	2.34	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Antimony, Total	0.539	J	mg/kg	4.34	0.330	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.50		mg/kg	0.868	0.181	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Barium, Total	64.1		mg/kg	0.868	0.151	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.242	J	mg/kg	0.434	0.029	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.301	J	mg/kg	0.868	0.085	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Calcium, Total	22200		mg/kg	8.68	3.04	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Chromium, Total	7.02		mg/kg	0.868	0.083	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Cobalt, Total	3.34		mg/kg	1.74	0.144	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Copper, Total	33.4		mg/kg	0.868	0.224	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Iron, Total	11900		mg/kg	4.34	0.784	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Lead, Total	220		mg/kg	4.34	0.233	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Magnesium, Total	6920		mg/kg	8.68	1.34	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Manganese, Total	339		mg/kg	0.868	0.138	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Mercury, Total	2.61		mg/kg	0.087	0.057	1	06/19/24 16:32	06/20/24 11:35	EPA 7471B	1,7471B	MJR
Nickel, Total	10.2		mg/kg	2.17	0.210	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Potassium, Total	497		mg/kg	217	12.5	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.74	0.224	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Silver, Total	0.311	J	mg/kg	0.434	0.246	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Sodium, Total	70.0	J	mg/kg	174	2.74	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.74	0.274	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Vanadium, Total	11.5		mg/kg	0.868	0.176	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF
Zinc, Total	67.4		mg/kg	4.34	0.254	2	06/19/24 16:10	06/19/24 20:48	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-11 Date Collected: 06/13/24 14:20

Client ID: TB-DOC33-061324-1420 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3080		mg/kg	35.9	9.70	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Antimony, Total	4.52	J	mg/kg	18.0	1.36	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Arsenic, Total	28.4		mg/kg	3.59	0.747	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Barium, Total	109		mg/kg	3.59	0.625	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.309	J	mg/kg	1.80	0.118	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Cadmium, Total	7.45		mg/kg	3.59	0.352	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Calcium, Total	27400		mg/kg	35.9	12.6	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Chromium, Total	86.4		mg/kg	3.59	0.345	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Cobalt, Total	12.1		mg/kg	7.19	0.596	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Copper, Total	416		mg/kg	3.59	0.927	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Iron, Total	123000		mg/kg	18.0	3.24	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Lead, Total	606		mg/kg	18.0	0.963	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Magnesium, Total	10800		mg/kg	35.9	5.53	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Manganese, Total	1640		mg/kg	3.59	0.571	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Mercury, Total	27.9		mg/kg	0.930	0.606	10	06/19/24 22:57	06/20/24 13:23	EPA 7471B	1,7471B	MJR
Nickel, Total	188		mg/kg	8.98	0.870	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Potassium, Total	322	J	mg/kg	898	51.7	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Selenium, Total	1.20	J	mg/kg	7.19	0.927	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Silver, Total	1.68	J	mg/kg	1.80	1.02	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Sodium, Total	87.5	J	mg/kg	719	11.3	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	7.19	1.13	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Vanadium, Total	20.6		mg/kg	3.59	0.729	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF
Zinc, Total	751		mg/kg	18.0	1.05	8	06/19/24 22:40	06/20/24 11:04	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-12 Date Collected: 06/13/24 00:00

Client ID: 4444-061324-0001 Date Received: 06/13/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3630		mg/kg	16.8	4.54	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Antimony, Total	6.84	J	mg/kg	8.41	0.639	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Arsenic, Total	19.6		mg/kg	1.68	0.350	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Barium, Total	93.3		mg/kg	1.68	0.293	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.263	J	mg/kg	0.841	0.056	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Cadmium, Total	3.54		mg/kg	1.68	0.165	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Calcium, Total	17900		mg/kg	16.8	5.89	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Chromium, Total	589		mg/kg	1.68	0.161	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Cobalt, Total	12.8		mg/kg	3.36	0.279	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Copper, Total	464		mg/kg	1.68	0.434	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Iron, Total	77100		mg/kg	8.41	1.52	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Lead, Total	488		mg/kg	8.41	0.451	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Magnesium, Total	5740		mg/kg	16.8	2.59	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Manganese, Total	841		mg/kg	1.68	0.267	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Mercury, Total	3.83		mg/kg	0.156	0.101	2	06/19/24 22:57	06/20/24 13:43	EPA 7471B	1,7471B	MJR
Nickel, Total	335		mg/kg	4.20	0.407	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Potassium, Total	390	J	mg/kg	420	24.2	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Selenium, Total	1.36	J	mg/kg	3.36	0.434	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Silver, Total	2.16		mg/kg	0.841	0.476	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Sodium, Total	92.7	J	mg/kg	336	5.30	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	3.36	0.530	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Vanadium, Total	18.7		mg/kg	1.68	0.341	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF
Zinc, Total	571		mg/kg	8.41	0.493	4	06/19/24 22:40	06/20/24 11:01	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1936534-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Antimony, Total	0.176	J	mg/kg	2.00	0.152	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Arsenic, Total	0.128	J	mg/kg	0.400	0.083	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Iron, Total	10.5		mg/kg	2.00	0.361	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Manganese, Total	0.071	J	mg/kg	0.400	0.064	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/19/24 16:10	06/19/24 19:05	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1936535-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/19/24 16:32	06/20/24 10:06	1,7471B	MJR

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433539

Project Number: 0200336-002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 11-12 Batch: WG1936544-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Calcium, Total	1.91	J	mg/kg	4.00	1.40	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Iron, Total	1.23	J	mg/kg	2.00	0.361	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Manganese, Total	0.124	J	mg/kg	0.400	0.064	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Sodium, Total	1.27	J	mg/kg	80.0	1.26	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/19/24 22:40	06/20/24 09:56	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2433539
Project Number: 0200336-002
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 11-12 Batch: WG1936547-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/19/24 22:57	06/20/24 11:43	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1936534-2								
Aluminum, Total	99		-		80-120	-		
Antimony, Total	100		-		80-120	-		
Arsenic, Total	97		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	98		-		80-120	-		
Cadmium, Total	97		-		80-120	-		
Calcium, Total	95		-		80-120	-		
Chromium, Total	95		-		80-120	-		
Cobalt, Total	98		-		80-120	-		
Copper, Total	99		-		80-120	-		
Iron, Total	98		-		80-120	-		
Lead, Total	97		-		80-120	-		
Magnesium, Total	93		-		80-120	-		
Manganese, Total	95		-		80-120	-		
Nickel, Total	92		-		80-120	-		
Potassium, Total	99		-		80-120	-		
Selenium, Total	94		-		80-120	-		
Silver, Total	99		-		80-120	-		
Sodium, Total	98		-		80-120	-		
Thallium, Total	96		-		80-120	-		
Vanadium, Total	97		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433539

Report Date: 06/27/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1936534-2					
Zinc, Total	92	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1936535-2					
Mercury, Total	98	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-12 Batch: WG1936544-2					
Aluminum, Total	112	-	80-120	-	
Antimony, Total	110	-	80-120	-	
Arsenic, Total	106	-	80-120	-	
Barium, Total	108	-	80-120	-	
Beryllium, Total	110	-	80-120	-	
Cadmium, Total	109	-	80-120	-	
Calcium, Total	104	-	80-120	-	
Chromium, Total	106	-	80-120	-	
Cobalt, Total	109	-	80-120	-	
Copper, Total	109	-	80-120	-	
Iron, Total	109	-	80-120	-	
Lead, Total	108	-	80-120	-	
Magnesium, Total	103	-	80-120	-	
Manganese, Total	106	-	80-120	-	
Nickel, Total	104	-	80-120	-	
Potassium, Total	108	-	80-120	-	
Selenium, Total	105	-	80-120	-	
Silver, Total	110	-	80-120	-	
Sodium, Total	108	-	80-120	-	
Thallium, Total	108	-	80-120	-	
Vanadium, Total	108	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433539

Report Date: 06/27/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-12 Batch: WG1936544-2					
Zinc, Total	105	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 11-12 Batch: WG1936547-2					
Mercury, Total	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1936534-3 WG1936534-4 QC Sample: L2433534-01 Client ID: MS Sample												
Aluminum, Total	6750	168	7110	**215**	Q	7960	**718**	Q	75-125	11		20
Antimony, Total	0.707J	41.9	33.8	81		36.5	86		75-125	8		20
Arsenic, Total	9.63	10.1	18.2	85		21.6	118		75-125	17		20
Barium, Total	27.1	168	171	86		191	97		75-125	11		20
Beryllium, Total	0.317J	4.19	3.92	94		4.29	102		75-125	9		20
Cadmium, Total	0.240J	4.44	3.79	85		4.15	93		75-125	9		20
Calcium, Total	37600	838	28200	**0**	Q	31500	**0**	Q	75-125	11		20
Chromium, Total	10.1	16.8	23.8	82		26.7	98		75-125	11		20
Cobalt, Total	7.47	41.9	40.6	79		44.8	88		75-125	10		20
Copper, Total	33.5	21	48.3	**71**	Q	54.8	101		75-125	13		20
Iron, Total	19400	83.8	18600	**0**	Q	21700	**2730**	Q	75-125	15		20
Lead, Total	13.4	44.4	49.9	82		55.3	94		75-125	10		20
Magnesium, Total	6320	838	9560	**386**	Q	9000	**318**	Q	75-125	6		20
Manganese, Total	620	41.9	618	**0**	Q	896	**655**	Q	75-125	**37**	Q	20
Nickel, Total	21.7	41.9	52.3	**73**	Q	57.3	84		75-125	9		20
Potassium, Total	435	838	1150	85		1260	98		75-125	9		20
Selenium, Total	0.388J	10.1	8.94	89		9.69	96		75-125	8		20
Silver, Total	ND	4.19	3.68	88		4.06	96		75-125	10		20
Sodium, Total	51.6J	838	807	96		883	105		75-125	9		20
Thallium, Total	0.467J	10.1	8.71	86		9.31	92		75-125	7		20
Vanadium, Total	12.9	41.9	48.2	84		53.1	95		75-125	10		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1936534-3 WG1936534-4 QC Sample: L2433534-01 Client ID: MS Sample												
Zinc, Total	100	41.9	128	**67**	Q	158	**138**	Q	75-125	**21**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1936535-3 WG1936535-4 QC Sample: L2433534-01 Client ID: MS Sample												
Mercury, Total	ND	1.61	1.62	101		1.49	101		80-120	8		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-12 QC Batch ID: WG1936544-3 WG1936544-4 QC Sample: L2433539-11 Client ID: TB-DOC33-061324-1420												
Aluminum, Total	3080	183	4210	**616**	Q	4480	**792**	Q	75-125	6		20
Antimony, Total	4.52J	45.8	45.5	99		54.7	124		75-125	18		20
Arsenic, Total	28.4	11	44.3	**144**	Q	45.2	**158**	Q	75-125	2		20
Barium, Total	109	183	305	107		341	**131**	Q	75-125	11		20
Beryllium, Total	0.309J	4.58	4.86	106		4.84	110		75-125	0		20
Cadmium, Total	7.45	4.86	13.2	118		13.1	121		75-125	1		20
Calcium, Total	27400	917	23800	**0**	Q	24400	**0**	Q	75-125	2		20
Chromium, Total	86.4	18.3	157	**385**	Q	89.8	**19**	Q	75-125	**54**	Q	20
Cobalt, Total	12.1	45.8	52.8	89		54.1	95		75-125	2		20
Copper, Total	416	22.9	445	**126**	Q	463	**213**	Q	75-125	4		20
Iron, Total	123000	91.7	101000	**0**	Q	111000	**0**	Q	75-125	9		20
Lead, Total	606	48.6	689	**171**	Q	791	**395**	Q	75-125	14		20
Magnesium, Total	10800	917	7970	**0**	Q	9020	**0**	Q	75-125	12		20
Manganese, Total	1640	45.8	1330	**0**	Q	1330	**0**	Q	75-125	0		20
Nickel, Total	188	45.8	212	**52**	Q	154	**0**	Q	75-125	**32**	Q	20
Potassium, Total	322J	917	1280	**140**	Q	1320	**149**	Q	75-125	3		20
Selenium, Total	1.20J	11	11.9	108		12.5	118		75-125	5		20
Silver, Total	1.68J	4.58	6.35	**138**	Q	6.37	**144**	Q	75-125	0		20
Sodium, Total	87.5J	917	1000	109		1240	**140**	Q	75-125	**21**	Q	20
Thallium, Total	ND	11	10.4	94		10.6	100		75-125	2		20
Vanadium, Total	20.6	45.8	59.9	86		58.4	86		75-125	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11-12 QC Batch ID: WG1936544-3 WG1936544-4 QC Sample: L2433539-11 Client ID: TB-DOC33-061324-1420											
Zinc, Total	751	45.8	965	**467**	Q	1150	**903**	Q	75-125	17	20
Total Metals - Mansfield Lab Associated sample(s): 11-12 QC Batch ID: WG1936547-3 WG1936547-4 QC Sample: L2433539-11 Client ID: TB-DOC33-061324-1420											
Mercury, Total	27.9	1.46	4.34	**0**	Q	4.81	**0**	Q	80-120	10	20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2433539
Report Date: 06/27/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1936534-6 QC Sample: L2433534-01 Client ID: DUP Sample						
Aluminum, Total	6750	7040	mg/kg	4		20
Barium, Total	27.1	28.6	mg/kg	6		20
Calcium, Total	37600	41100	mg/kg	9		20
Copper, Total	33.5	36.7	mg/kg	10		20
Iron, Total	19400	21600	mg/kg	11		20
Magnesium, Total	6320	7140	mg/kg	13		20
Manganese, Total	620	676	mg/kg	9		20

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-01
Client ID: TB-DOC23-061324-0800
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/13/24 08:00
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	06/14/24 13:25	121,2540G	ROI
Cyanide, Total	0.31	J	mg/kg	1.0	0.22	1	06/21/24 06:40	06/21/24 14:09	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-02
Client ID: TB-DOC24-061324-0810
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/13/24 08:10
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	06/14/24 13:25	121,2540G	ROI
Cyanide, Total	0.73	J	mg/kg	1.0	0.22	1	06/21/24 06:40	06/21/24 14:10	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-03
Client ID: TB-DOC25-061324-0830
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/13/24 08:30
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	06/14/24 13:25	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/21/24 06:40	06/21/24 14:11	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-04
Client ID: TB-DOC26-061324-0840
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/13/24 08:40
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	06/14/24 13:25	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.99	0.21	1	06/21/24 06:40	06/21/24 14:14	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-05
Client ID: TB-DOC27-061324-1010
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/13/24 10:10
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	06/14/24 13:25	121,2540G	ROI
Cyanide, Total	0.26	J	mg/kg	1.1	0.23	1	06/21/24 06:40	06/21/24 15:16	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-06
Client ID: TB-DOC28-061324-1300
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/13/24 13:00
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	06/14/24 13:25	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	06/21/24 06:40	06/21/24 14:29	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-07
Client ID: TB-DOC29-061324-1310
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/13/24 13:10
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	06/14/24 13:25	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/21/24 06:40	06/21/24 14:30	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-08
Client ID: TB-DOC30-061324-1330
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/13/24 13:30
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	06/14/24 13:25	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/21/24 06:40	06/21/24 14:31	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-09
Client ID: TB-DOC31-061324-1340
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/13/24 13:40
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	06/14/24 13:25	121,2540G	ROI
Cyanide, Total	0.27	J	mg/kg	1.0	0.22	1	06/21/24 06:40	06/21/24 14:32	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-10
Client ID: TB-DOC32-061324-1410
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/13/24 14:10
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	06/14/24 13:25	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/21/24 06:40	06/21/24 14:33	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-11
Client ID: TB-DOC33-061324-1420
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/13/24 14:20
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	06/14/24 13:25	121,2540G	ROI
Cyanide, Total	0.43	J	mg/kg	1.1	0.23	1	06/21/24 06:40	06/21/24 14:34	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2433539-12
Client ID: 4444-061324-0001
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/13/24 00:00
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	06/14/24 13:25	121,2540G	ROI
Cyanide, Total	0.51	J	mg/kg	1.0	0.21	1	06/21/24 06:40	06/21/24 15:36	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1937369-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	06/21/24 06:40	06/21/24 13:50	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 05-12 Batch: WG1937370-1										
Cyanide, Total	ND		mg/kg	0.89	0.19	1	06/21/24 06:40	06/21/24 15:15	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433539

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1937369-2 WG1937369-3								
Cyanide, Total	99		98		80-120	1		35
General Chemistry - Westborough Lab Associated sample(s): 05-12 Batch: WG1937370-2 WG1937370-3								
Cyanide, Total	98		92		80-120	6		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1937369-4 WG1937369-5 QC Sample: L2434075-01 Client ID: MS Sample												
Cyanide, Total	ND	12	13	100		13	110		75-125	10		35
General Chemistry - Westborough Lab Associated sample(s): 05-12 QC Batch ID: WG1937370-4 WG1937370-5 QC Sample: L2433539-11 Client ID: TB-DOC33-061324-1420												
Cyanide, Total	0.43J	11	12	100		12	100		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433539

Report Date: 06/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG1934527-1 QC Sample: L2433539-11 Client ID: TB-DOC33-061324-1420						
Solids, Total	86.7	87.2	%	1		20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

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(*)
L2433539-01A	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2433539-01B	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-01C	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-01D	Plastic 120ml unpreserved	A	NA		3.9	Y	Absent		TS(7)
L2433539-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2433539-01F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2433539-02A	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2433539-02B	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-02C	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-02D	Plastic 120ml unpreserved	A	NA		3.9	Y	Absent		TS(7)
L2433539-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2433539-02F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2433539-03A	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2433539-03B	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-03C	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-03D	Plastic 120ml unpreserved	A	NA		3.9	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433539-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2433539-03F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2433539-04A	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2433539-04B	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-04C	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-04D	Plastic 120ml unpreserved	A	NA		3.9	Y	Absent		TS(7)
L2433539-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2433539-04F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2433539-05A	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2433539-05B	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-05C	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-05D	Plastic 120ml unpreserved	A	NA		3.9	Y	Absent		TS(7)
L2433539-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2433539-05F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2433539-06A	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2433539-06B	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2433539-06C	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2433539-06D	Plastic 120ml unpreserved	A	NA		3.9	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433539-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2433539-06F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2433539-07A	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2433539-07B	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-07C	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-07D	Plastic 120ml unpreserved	A	NA		3.9	Y	Absent		TS(7)
L2433539-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2433539-07F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2433539-08A	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2433539-08B	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-08C	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-08D	Plastic 120ml unpreserved	A	NA		3.9	Y	Absent		TS(7)
L2433539-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2433539-08F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2433539-09A	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2433539-09B	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2433539-09C	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2433539-09D	Plastic 120ml unpreserved	A	NA		3.9	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433539-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2433539-09F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2433539-09G	Plastic 8oz unpreserved	A	NA		3.9	Y	Absent		A2-1633-DRAFT(90)
L2433539-09H	Glass 500ml/16oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2433539-10A	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2433539-10B	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-10C	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-10D	Plastic 120ml unpreserved	A	NA		3.9	Y	Absent		TS(7)
L2433539-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2433539-10F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2433539-11A	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2433539-11A1	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2433539-11A2	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2433539-11B	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-11B1	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-11B2	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-11C	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-11C1	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-11C2	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-11D	Plastic 120ml unpreserved	A	NA		3.9	Y	Absent		TS(7)
L2433539-11D1	Plastic 120ml unpreserved	A	NA		3.9	Y	Absent		TS(7)
L2433539-11D2	Plastic 120ml unpreserved	A	NA		3.9	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433539
Report Date: 06/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433539-11E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2433539-11E1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2433539-11F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2433539-11F1	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2433539-11F2	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2433539-12A	Vial MeOH preserved	A	NA		3.9	Y	Absent		NYTCL-8260HLW-R2(14)
L2433539-12B	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-12C	Vial water preserved	A	NA		3.9	Y	Absent	14-JUN-24 13:15	NYTCL-8260HLW-R2(14)
L2433539-12D	Plastic 120ml unpreserved	A	NA		3.9	Y	Absent		TS(7)
L2433539-12E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2433539-12F	Glass 120ml/4oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433539
Report Date: 06/27/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433539
Project Number:	0200336-002	**Report Date:**	06/27/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433539
Project Number:	0200336-002	**Report Date:**	06/27/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433539
Project Number:	0200336-002	**Report Date:**	06/27/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433539
Project Number:	0200336-002	**Report Date:**	06/27/24

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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 2

Date Rec'd in Lab: 6/14/24

ALPHA Job #: L2433539

Client Information
Client: Nurse Cumber Co
Address: 200 Town Centre Dr
Rochester, NY
Phone: 585-359-9020
Fax:
Email: JSzucs@haleyaldrich.com

Project Information
Project Name: LOS TROWBRIDGE - DOCUMENTATION SAMPLES
Project Location: Rochester, NY
Project #: 0200336-002
(Use Project name as Project #)
Project Manager: J. Szucs
ALPHAQuote #:

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

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

These samples have been previously analyzed by Alpha: ☐

Other project specific requirements/comments:
CC: smckenna@haleyaldrich.com
kbartell@haleyaldrich.com GWhite@haleyaldrich.com

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL. VOCs 8260D	TCL. SVOCs 8270E	TAL Metals 6010	PCBs 8082	Pesticides 8081	Herbicides 8151	PFAS 1633		Sample Specific Comments	Total Bottle
33539 -01	TB-DOC23-061324-0800	6/13/24	08:00	SO	KB	X	X	X							3
-02	TB-DOC24-061324-0810		08:10			X	X	X							3
-03	TB-DOC25-061324-0830		08:30			X	X	X							3
-04	TB-DOC26-061324-0840		08:40			X	X	X							3
-05	TB-DOC27-061324-100		10:10			X	X	X							3
-06	TB-DOC28-061324-1300		13:00			X	X	X							3
-07	TB-DOC29-061324-1310		13:10			X	X	X							3
-08	TB-DOC30-061324-1330		13:30			X	X	X							3
-09	TB-DOC31-061324-1340		13:40			X	X	X	X	X	X	X			5
-10	TB-DOC32-061324-1410	↓	14:10	↓	↓	X	X	X							3

Container Type: V A A A A A P
Preservative: F A A A A A A

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	6/13/24 15:30	SECURE STORAGE PACK	6/13/24 1530
SECURE STORAGE PACK	6/13/24 16:05	W MOT PACK	6/13/24 16:07
W MOT PACK	6/13/24 16:05	[signature]	6/14/24 0240

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)

NEW YORK CHAIN OF CUSTODY

ALPHA

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 2 of 2

Date Rec'd in Lab: 6/14/24

ALPHA Job #: L2433559

Client Information
Client: Morse Lumber Co
Address: 200 Town Centre Dr.
Rochester, NY 14623
Phone: 585-359-9000
Fax:
Email: JSzucs@haleyaldrich.com

Project Information
Project Name: 05 Tenow Bridge - Documentation Samples
Project Location: Rochester, NY
Project # 0200336-002
(Use Project name as Project #) ☐
Project Manager: J. Szucs
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:
cc: SMckenna@haleyaldrich.com KBartlett@haleyaldrich.com GWhite@haleyaldrich.com

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260	TCL SVOCs 8270	TAL Metals 6010	PCBs 8082	Pesticides 8081	Herbicides 8151	PFAS 1633		Sample Specific Comments	Total Bottles
33559 -11	TB-DOC33-060124-1420	6/13/24	14:20	SO	KB	X	X	X						MS/MSD	9
-12	4444-060124-0001		—			X	X	X							3

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

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

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

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	6/13/24 15:30	SECURE STORAGE PACK	6/13/24 15:30
SECURE STORAGE PACK	6/13/24 16:05	W Mot PACK	6/13/24 16:07
W Mot PACK	6/13/24 16:05		6/14/24 0240

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:	L2433822
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-DOC. SAMPLES
Project Number:	0200336-002
Report Date:	06/28/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2433822-01	TB-DOC36-061424-0900	SOIL	ROCHESTER, NY	06/14/24 09:00	06/14/24
L2433822-02	TB-DOC37-061424-0910	SOIL	ROCHESTER, NY	06/14/24 09:10	06/14/24
L2433822-05	4444-061424-0001	SOIL	ROCHESTER, NY	06/14/24 00:00	06/14/24
L2433822-06	4444-061424-0002	WATER	ROCHESTER, NY	06/14/24 00:00	06/14/24
L2433822-07	4444-061424-0003	WATER	ROCHESTER, NY	06/14/24 00:00	06/14/24
L2433822-08	TB-DOC34-061424-0820	SOIL	ROCHESTER, NY	06/14/24 08:20	06/14/24
L2433822-09	TB-DOC35-061424-0830	SOIL	ROCHESTER, NY	06/14/24 08:30	06/14/24

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433822
Project Number:	0200336-002	**Report Date:**	06/28/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433822
Project Number:	0200336-002	**Report Date:**	06/28/24

Case Narrative (continued)

Report Submission

June 28, 2024: This final report includes the results of all requested analyses.

June 25, 2024: This is a preliminary report.

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

Sample Receipt

The analyses performed were specified by the client.

L2433822-07: Headspace was noted in the sample containers submitted for TCL Volatiles - EPA 8260D. The analysis was performed at the client's request.

Volatile Organics

L2433822-05: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

The WG1937092-5 Method Blank, associated with L2433822-01, -02, and -08, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required.

Semivolatile Organics

L2433822-01 and -05: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2433822-02D: The sample has elevated detection limits due to the dilution required by the elevated

Case Narrative (continued)

concentrations of target compounds in the sample.
L2433822-09D: The sample has elevated detection limits due to the dilution required by the sample matrix.
WG1937164-1: The surrogate recovery is outside the individual acceptance criteria for 2-fluorophenol (19%), but within the overall method allowances. The results of the original analysis are reported; however, all associated compounds are considered to have a potential bias.
The WG1937164-2 LCS/LCSD recoveries, associated with L2433822-06, are outside the acceptance criteria for individual target compounds, but within the overall method allowances. The results of the associated sample are reported; however, all results are considered to have a potentially low bias for 2,4,6-trichlorophenol (29%/21%), 2,4,5-trichlorophenol (LCSD at 27%), and 2,3,4,6-tetrachlorophenol (28%/20%).
The WG1937164-2/-3 LCS/LCSD RPDs, associated with L2433822-06, are above the acceptance criteria for benzidine (36%), 2,4,6-trichlorophenol (32%), 2,4,5-trichlorophenol (34%), and 2,3,4,6-tetrachlorophenol (33%).
WG1937164-2: The surrogate recovery is outside the individual acceptance criteria for 2-fluorophenol (18%), but within the overall method allowances. The results of the original analysis are reported; however, all associated compounds are considered to have a potential bias.
WG1937164-3: The surrogate recovery is outside the individual acceptance criteria for 2-fluorophenol (16%), but within the overall method allowances. The results of the original analysis are reported; however, all associated compounds are considered to have a potential bias.
The WG1937194-3 LCSD recovery, associated with L2433822-01, -02, -05,and -08, is outside the acceptance criteria for individual target compounds, but within the overall method allowances. The results of the associated samples are reported; however, all results are considered to have a potentially low bias for carbazole (52%).

Semivolatile Organics by SIM
The WG1937165-2/-3 LCS/LCSD recoveries, associated with L2433822-06, are outside the acceptance criteria for individual target compounds, but within the overall method allowances. The results of the associated samples are reported; however, all results are considered to have a potentially low bias for pentachlorophenol

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433822
Project Number:	0200336-002	**Report Date:**	06/28/24

Case Narrative (continued)

(28%/22%).

WG1937165-2: The surrogate recovery is outside the individual acceptance criteria for 2-fluorophenol (19%), but within the overall method allowances. The results of the original analysis are reported; however, all associated compounds are considered to have a potential bias.

WG1937165-3: The surrogate recovery is outside the individual acceptance criteria for 2-fluorophenol (18%), but within the overall method allowances. The results of the original analysis are reported; however, all associated compounds are considered to have a potential bias.

Total Metals

L2433822-01, -02, -05, -08 and -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 06/28/24

ORGANICS

VOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-01
Client ID: TB-DOC36-061424-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 09:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 15:57
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	3.4	J	ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-01 Date Collected: 06/14/24 09:00

Client ID: TB-DOC36-061424-0900 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.31	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.61	1
1,4-Dioxane	ND		ug/kg	90	40.	1
Freon-113	ND		ug/kg	4.5	0.78	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	99		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-02
Client ID: TB-DOC37-061424-0910
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 09:10
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 16:25
Analyst: JIC
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-02 Date Collected: 06/14/24 09:10

Client ID: TB-DOC37-061424-0910 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.4	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
Methyl Acetate	ND		ug/kg	4.2	1.0	1
Cyclohexane	ND		ug/kg	10	0.57	1
1,4-Dioxane	ND		ug/kg	84	37.	1
Freon-113	ND		ug/kg	4.2	0.73	1
Methyl cyclohexane	ND		ug/kg	4.2	0.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-05
Client ID: 4444-061424-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 00:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 17:20
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	360	160	1
1,1-Dichloroethane	ND		ug/kg	72	10.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	72	16.	1
1,2-Dichloropropane	ND		ug/kg	72	8.9	1
Dibromochloromethane	ND		ug/kg	72	10.	1
1,1,2-Trichloroethane	ND		ug/kg	72	19.	1
Tetrachloroethene	ND		ug/kg	36	14.	1
Chlorobenzene	ND		ug/kg	36	9.1	1
Trichlorofluoromethane	ND		ug/kg	290	50.	1
1,2-Dichloroethane	ND		ug/kg	72	18.	1
1,1,1-Trichloroethane	ND		ug/kg	36	12.	1
Bromodichloromethane	ND		ug/kg	36	7.8	1
trans-1,3-Dichloropropene	ND		ug/kg	72	20.	1
cis-1,3-Dichloropropene	ND		ug/kg	36	11.	1
Bromoform	ND		ug/kg	290	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	36	12.	1
Benzene	600		ug/kg	36	12.	1
Toluene	2500		ug/kg	72	39.	1
Ethylbenzene	380		ug/kg	72	10.	1
Chloromethane	ND		ug/kg	290	67.	1
Bromomethane	87	J	ug/kg	140	42.	1
Vinyl chloride	ND		ug/kg	72	24.	1
Chloroethane	ND		ug/kg	140	32.	1
1,1-Dichloroethene	ND		ug/kg	72	17.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	9.8	1
Trichloroethene	85		ug/kg	36	9.8	1
1,2-Dichlorobenzene	ND		ug/kg	140	10.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-05 Date Collected: 06/14/24 00:00

Client ID: 4444-061424-0001 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	140	10.	1
1,4-Dichlorobenzene	ND		ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	1100		ug/kg	140	40.	1
o-Xylene	670		ug/kg	72	21.	1
cis-1,2-Dichloroethene	ND		ug/kg	72	12.	1
Styrene	ND		ug/kg	72	14.	1
Dichlorodifluoromethane	ND		ug/kg	720	65.	1
Acetone	340	J	ug/kg	720	340	1
Carbon disulfide	ND		ug/kg	720	320	1
2-Butanone	ND		ug/kg	720	160	1
4-Methyl-2-pentanone	ND		ug/kg	720	92.	1
2-Hexanone	ND		ug/kg	720	84.	1
Bromochloromethane	ND		ug/kg	140	15.	1
1,2-Dibromoethane	ND		ug/kg	72	20.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	210	71.	1
Isopropylbenzene	130		ug/kg	72	7.8	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	19.	1
Methyl Acetate	420		ug/kg	290	68.	1
Cyclohexane	470	J	ug/kg	720	39.	1
1,4-Dioxane	ND		ug/kg	5700	2500	1
Freon-113	ND		ug/kg	290	50.	1
Methyl cyclohexane	1300		ug/kg	290	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	94		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-05
Client ID: 4444-061424-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 00:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/21/24 11:06
Analyst: MJV
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-05 Date Collected: 06/14/24 00:00

Client ID: 4444-061424-0001 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Cyclohexane	ND		ug/kg	12	0.66	1
1,4-Dioxane	ND		ug/kg	97	42.	1
Freon-113	ND		ug/kg	4.8	0.84	1
Methyl cyclohexane	ND		ug/kg	4.8	0.73	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	101		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-06
Client ID: 4444-061424-0002
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 00:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/19/24 15:26
Analyst: PID

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

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-06 Date Collected: 06/14/24 00:00

Client ID: 4444-061424-0002 Date Received: 06/14/24

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	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	10		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	3.9	J	ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	105		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-07
Client ID: 4444-061424-0003
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 00:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/19/24 15:52
Analyst: PID

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

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-07 Date Collected: 06/14/24 00:00

Client ID: 4444-061424-0003 Date Received: 06/14/24

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	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	107		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-08
Client ID: TB-DOC34-061424-0820
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 08:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/20/24 16:52
Analyst: JIC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-08 Date Collected: 06/14/24 08:20

Client ID: TB-DOC34-061424-0820 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.25	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	6.1	J	ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	100	44.	1
Freon-113	ND		ug/kg	5.0	0.87	1
Methyl cyclohexane	ND		ug/kg	5.0	0.76	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	98		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-09
Client ID: TB-DOC35-061424-0830
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 08:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/21/24 10:39
Analyst: MJV
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.5	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-09 Date Collected: 06/14/24 08:30

Client ID: TB-DOC35-061424-0830 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.1	1.2	1
Cyclohexane	ND		ug/kg	13	0.69	1
1,4-Dioxane	ND		ug/kg	100	44.	1
Freon-113	ND		ug/kg	5.1	0.88	1
Methyl cyclohexane	ND		ug/kg	5.1	0.76	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	104		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 09:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1936931-5					
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: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 09:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1936931-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/19/24 09:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1936931-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,08 Batch: WG1937092-5					
Methylene chloride	3.7	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.0		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,08 Batch: WG1937092-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,08 Batch: WG1937092-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	95		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05 Batch: WG1937639-5					
Methylene chloride	180	J	ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	98	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05 Batch: WG1937639-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/20/24 08:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05 Batch: WG1937639-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	95		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/21/24 10:11
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,09 Batch: WG1937650-5					
Methylene chloride	2.4	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.0		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/21/24 10:11
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,09 Batch: WG1937650-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/21/24 10:11
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05,09 Batch: WG1937650-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1936931-3 WG1936931-4								
Methylene chloride	100		98		70-130	2		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		99		70-130	1		20
Dibromochloromethane	99		95		63-130	4		20
1,1,2-Trichloroethane	110		100		70-130	10		20
Tetrachloroethene	96		91		70-130	5		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	100		98		62-150	2		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	99		96		70-130	3		20
cis-1,3-Dichloropropene	100		96		70-130	4		20
Bromoform	93		91		54-136	2		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	87		83		64-130	5		20
Bromomethane	49		47		39-139	4		20
Vinyl chloride	110		100		55-140	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1936931-3 WG1936931-4								
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	97		92		61-145	5		20
trans-1,2-Dichloroethene	110		99		70-130	11		20
Trichloroethene	100		94		70-130	6		20
1,2-Dichlorobenzene	100		99		70-130	1		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		99		70-130	1		20
Methyl tert butyl ether	89		86		63-130	3		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	105		100		70-130	5		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	92		85		36-147	8		20
Acetone	83		76		58-148	9		20
Carbon disulfide	100		95		51-130	5		20
2-Butanone	99		91		63-138	8		20
4-Methyl-2-pentanone	76		75		59-130	1		20
2-Hexanone	71		70		57-130	1		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	99		97		70-130	2		20
1,2-Dibromo-3-chloropropane	88		86		41-144	2		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	82		81		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1936931-3 WG1936931-4								
1,2,4-Trichlorobenzene	85		81		70-130	5		20
Methyl Acetate	100		94		70-130	6		20
Cyclohexane	110		98		70-130	12		20
1,4-Dioxane	140		140		56-162	0		20
Freon-113	100		96		70-130	4		20
Methyl cyclohexane	110		100		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		102		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	101		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,08 Batch: WG1937092-3 WG1937092-4								
Methylene chloride	100		92		70-130	8		30
1,1-Dichloroethane	104		99		70-130	5		30
Chloroform	101		96		70-130	5		30
Carbon tetrachloride	96		88		70-130	9		30
1,2-Dichloropropane	96		95		70-130	1		30
Dibromochloromethane	90		93		70-130	3		30
1,1,2-Trichloroethane	102		103		70-130	1		30
Tetrachloroethene	95		90		70-130	5		30
Chlorobenzene	97		97		70-130	0		30
Trichlorofluoromethane	103		87		70-139	17		30
1,2-Dichloroethane	103		101		70-130	2		30
1,1,1-Trichloroethane	103		97		70-130	6		30
Bromodichloromethane	94		92		70-130	2		30
trans-1,3-Dichloropropene	106		106		70-130	0		30
cis-1,3-Dichloropropene	97		97		70-130	0		30
Bromoform	82		83		70-130	1		30
1,1,2,2-Tetrachloroethane	102		100		70-130	2		30
Benzene	101		97		70-130	4		30
Toluene	97		95		70-130	2		30
Ethylbenzene	103		100		70-130	3		30
Chloromethane	105		94		52-130	11		30
Bromomethane	96		82		57-147	16		30
Vinyl chloride	113		96		67-130	16		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,08 Batch: WG1937092-3 WG1937092-4								
Chloroethane	108		93		50-151	15		30
1,1-Dichloroethene	97		84		65-135	14		30
trans-1,2-Dichloroethene	108		96		70-130	12		30
Trichloroethene	106		98		70-130	8		30
1,2-Dichlorobenzene	101		98		70-130	3		30
1,3-Dichlorobenzene	102		100		70-130	2		30
1,4-Dichlorobenzene	100		99		70-130	1		30
Methyl tert butyl ether	109		113		66-130	4		30
p/m-Xylene	98		97		70-130	1		30
o-Xylene	96		96		70-130	0		30
cis-1,2-Dichloroethene	95		90		70-130	5		30
Styrene	101		100		70-130	1		30
Dichlorodifluoromethane	109		92		30-146	17		30
Acetone	107		98		54-140	9		30
Carbon disulfide	102		88		59-130	15		30
2-Butanone	96		101		70-130	5		30
4-Methyl-2-pentanone	98		98		70-130	0		30
2-Hexanone	100		100		70-130	0		30
Bromochloromethane	89		83		70-130	7		30
1,2-Dibromoethane	96		96		70-130	0		30
1,2-Dibromo-3-chloropropane	92		91		68-130	1		30
Isopropylbenzene	103		99		70-130	4		30
1,2,3-Trichlorobenzene	90		93		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,08 Batch: WG1937092-3 WG1937092-4								
1,2,4-Trichlorobenzene	97		96		70-130	1		30
Methyl Acetate	127		116		51-146	9		30
Cyclohexane	99		92		59-142	7		30
1,4-Dioxane	97		98		65-136	1		30
Freon-113	99		84		50-139	16		30
Methyl cyclohexane	92		86		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		109		70-130
Toluene-d8	101		103		70-130
4-Bromofluorobenzene	98		101		70-130
Dibromofluoromethane	97		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05 Batch: WG1937639-3 WG1937639-4								
Methylene chloride	100		92		70-130	8		30
1,1-Dichloroethane	104		99		70-130	5		30
Chloroform	101		96		70-130	5		30
Carbon tetrachloride	96		88		70-130	9		30
1,2-Dichloropropane	96		95		70-130	1		30
Dibromochloromethane	90		93		70-130	3		30
1,1,2-Trichloroethane	102		103		70-130	1		30
Tetrachloroethene	95		90		70-130	5		30
Chlorobenzene	97		97		70-130	0		30
Trichlorofluoromethane	103		87		70-139	17		30
1,2-Dichloroethane	103		101		70-130	2		30
1,1,1-Trichloroethane	103		97		70-130	6		30
Bromodichloromethane	94		92		70-130	2		30
trans-1,3-Dichloropropene	106		106		70-130	0		30
cis-1,3-Dichloropropene	97		97		70-130	0		30
Bromoform	82		83		70-130	1		30
1,1,2,2-Tetrachloroethane	102		100		70-130	2		30
Benzene	101		97		70-130	4		30
Toluene	97		95		70-130	2		30
Ethylbenzene	103		100		70-130	3		30
Chloromethane	105		94		52-130	11		30
Bromomethane	96		82		57-147	16		30
Vinyl chloride	113		96		67-130	16		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05 Batch: WG1937639-3 WG1937639-4								
Chloroethane	108		93		50-151	15		30
1,1-Dichloroethene	97		84		65-135	14		30
trans-1,2-Dichloroethene	108		96		70-130	12		30
Trichloroethene	106		98		70-130	8		30
1,2-Dichlorobenzene	101		98		70-130	3		30
1,3-Dichlorobenzene	102		100		70-130	2		30
1,4-Dichlorobenzene	100		99		70-130	1		30
Methyl tert butyl ether	109		113		66-130	4		30
p/m-Xylene	98		97		70-130	1		30
o-Xylene	96		96		70-130	0		30
cis-1,2-Dichloroethene	95		90		70-130	5		30
Styrene	101		100		70-130	1		30
Dichlorodifluoromethane	109		92		30-146	17		30
Acetone	107		98		54-140	9		30
Carbon disulfide	102		88		59-130	15		30
2-Butanone	96		101		70-130	5		30
4-Methyl-2-pentanone	98		98		70-130	0		30
2-Hexanone	100		100		70-130	0		30
Bromochloromethane	89		83		70-130	7		30
1,2-Dibromoethane	96		96		70-130	0		30
1,2-Dibromo-3-chloropropane	92		91		68-130	1		30
Isopropylbenzene	103		99		70-130	4		30
1,2,3-Trichlorobenzene	90		93		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05 Batch: WG1937639-3 WG1937639-4								
1,2,4-Trichlorobenzene	97		96		70-130	1		30
Methyl Acetate	127		116		51-146	9		30
Cyclohexane	99		92		59-142	7		30
1,4-Dioxane	97		98		65-136	1		30
Freon-113	99		84		50-139	16		30
Methyl cyclohexane	92		86		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		108		70-130
Toluene-d8	101		103		70-130
4-Bromofluorobenzene	98		101		70-130
Dibromofluoromethane	97		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,09 Batch: WG1937650-3 WG1937650-4								
Methylene chloride	93		88		70-130	6		30
1,1-Dichloroethane	100		99		70-130	1		30
Chloroform	99		98		70-130	1		30
Carbon tetrachloride	92		91		70-130	1		30
1,2-Dichloropropane	94		96		70-130	2		30
Dibromochloromethane	92		95		70-130	3		30
1,1,2-Trichloroethane	105		104		70-130	1		30
Tetrachloroethene	92		94		70-130	2		30
Chlorobenzene	94		97		70-130	3		30
Trichlorofluoromethane	95		88		70-139	8		30
1,2-Dichloroethane	103		103		70-130	0		30
1,1,1-Trichloroethane	100		101		70-130	1		30
Bromodichloromethane	96		96		70-130	0		30
trans-1,3-Dichloropropene	107		108		70-130	1		30
cis-1,3-Dichloropropene	96		98		70-130	2		30
Bromoform	82		84		70-130	2		30
1,1,2,2-Tetrachloroethane	101		94		70-130	7		30
Benzene	98		98		70-130	0		30
Toluene	95		97		70-130	2		30
Ethylbenzene	99		102		70-130	3		30
Chloromethane	97		93		52-130	4		30
Bromomethane	85		79		57-147	7		30
Vinyl chloride	105		100		67-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,09 Batch: WG1937650-3 WG1937650-4								
Chloroethane	100		93		50-151	7		30
1,1-Dichloroethene	90		85		65-135	6		30
trans-1,2-Dichloroethene	101		94		70-130	7		30
Trichloroethene	102		107		70-130	5		30
1,2-Dichlorobenzene	97		101		70-130	4		30
1,3-Dichlorobenzene	99		101		70-130	2		30
1,4-Dichlorobenzene	99		101		70-130	2		30
Methyl tert butyl ether	82		111		66-130	30		30
p/m-Xylene	95		97		70-130	2		30
o-Xylene	93		96		70-130	3		30
cis-1,2-Dichloroethene	92		92		70-130	0		30
Styrene	99		101		70-130	2		30
Dichlorodifluoromethane	103		95		30-146	8		30
Acetone	102		95		54-140	7		30
Carbon disulfide	95		90		59-130	5		30
2-Butanone	95		93		70-130	2		30
4-Methyl-2-pentanone	99		98		70-130	1		30
2-Hexanone	99		99		70-130	0		30
Bromochloromethane	88		86		70-130	2		30
1,2-Dibromoethane	95		97		70-130	2		30
1,2-Dibromo-3-chloropropane	89		89		68-130	0		30
Isopropylbenzene	97		101		70-130	4		30
1,2,3-Trichlorobenzene	92		97		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05,09 Batch: WG1937650-3 WG1937650-4								
1,2,4-Trichlorobenzene	94		97		70-130	3		30
Methyl Acetate	111		115		51-146	4		30
Cyclohexane	94		94		59-142	0		30
1,4-Dioxane	98		94		65-136	4		30
Freon-113	92		87		50-139	6		30
Methyl cyclohexane	89		89		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		112		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	104		100		70-130
Dibromofluoromethane	96		96		70-130

SEMIVOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-01
Client ID: TB-DOC36-061424-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 09:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/22/24 11:40
Analyst: SZ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	5200		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	560		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	2600		ug/kg	110	20.	1
Benzo(a)pyrene	2900		ug/kg	140	44.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-01 Date Collected: 06/14/24 09:00

Client ID: TB-DOC36-061424-0900 Date Received: 06/14/24

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						
Benzo(b)fluoranthene	3300		ug/kg	110	30.	1
Benzo(k)fluoranthene	800		ug/kg	110	28.	1
Chrysene	2700		ug/kg	110	18.	1
Acenaphthylene	1800		ug/kg	140	28.	1
Anthracene	1100		ug/kg	110	35.	1
Benzo(ghi)perylene	3100		ug/kg	140	21.	1
Fluorene	310		ug/kg	180	17.	1
Phenanthrene	2600		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	450		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2300		ug/kg	140	25.	1
Pyrene	7400	E	ug/kg	110	18.	1
Biphenyl	82	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	170	J	ug/kg	180	17.	1
2-Methylnaphthalene	480		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	120	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	240	48.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-01 Date Collected: 06/14/24 09:00

Client ID: TB-DOC36-061424-0900 Date Received: 06/14/24

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						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	47		10-136
4-Terphenyl-d14	65		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2433822
Project Number: 0200336-002
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-01 D
Client ID: TB-DOC36-061424-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 09:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/23/24 22:42
Analyst: SZ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Pyrene	9100		ug/kg	540	89.	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-02 D
Client ID: TB-DOC37-061424-0910
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 09:10
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/23/24 22:24
Analyst: LJG
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	660	J	ug/kg	1300	170	10
Hexachlorobenzene	ND		ug/kg	1000	190	10
Bis(2-chloroethyl)ether	ND		ug/kg	1500	230	10
2-Chloronaphthalene	ND		ug/kg	1700	170	10
3,3'-Dichlorobenzidine	ND		ug/kg	1700	440	10
2,4-Dinitrotoluene	ND		ug/kg	1700	330	10
2,6-Dinitrotoluene	ND		ug/kg	1700	290	10
Fluoranthene	34000		ug/kg	1000	190	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1700	180	10
4-Bromophenyl phenyl ether	ND		ug/kg	1700	260	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2000	280	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1800	170	10
Hexachlorobutadiene	ND		ug/kg	1700	240	10
Hexachlorocyclopentadiene	ND		ug/kg	4800	1500	10
Hexachloroethane	ND		ug/kg	1300	270	10
Isophorone	ND		ug/kg	1500	220	10
Naphthalene	2400		ug/kg	1700	200	10
Nitrobenzene	ND		ug/kg	1500	250	10
NDPA/DPA	ND		ug/kg	1300	190	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1700	260	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1700	580	10
Butyl benzyl phthalate	ND		ug/kg	1700	420	10
Di-n-butylphthalate	ND		ug/kg	1700	320	10
Di-n-octylphthalate	ND		ug/kg	1700	570	10
Diethyl phthalate	ND		ug/kg	1700	160	10
Dimethyl phthalate	ND		ug/kg	1700	350	10
Benzo(a)anthracene	15000		ug/kg	1000	190	10
Benzo(a)pyrene	26000		ug/kg	1300	410	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-02 D
Client ID: TB-DOC37-061424-0910
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 09:10
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	22000		ug/kg	1000	280	10
Benzo(k)fluoranthene	7200		ug/kg	1000	270	10
Chrysene	14000		ug/kg	1000	170	10
Acenaphthylene	15000		ug/kg	1300	260	10
Anthracene	4200		ug/kg	1000	330	10
Benzo(ghi)perylene	30000		ug/kg	1300	200	10
Fluorene	2200		ug/kg	1700	160	10
Phenanthrene	17000		ug/kg	1000	200	10
Dibenzo(a,h)anthracene	2800		ug/kg	1000	190	10
Indeno(1,2,3-cd)pyrene	16000		ug/kg	1300	230	10
Pyrene	53000		ug/kg	1000	170	10
Biphenyl	450	J	ug/kg	3800	220	10
4-Chloroaniline	ND		ug/kg	1700	300	10
2-Nitroaniline	ND		ug/kg	1700	320	10
3-Nitroaniline	ND		ug/kg	1700	320	10
4-Nitroaniline	ND		ug/kg	1700	690	10
Dibenzofuran	210	J	ug/kg	1700	160	10
2-Methylnaphthalene	920	J	ug/kg	2000	200	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1700	170	10
Acetophenone	210	J	ug/kg	1700	210	10
2,4,6-Trichlorophenol	ND		ug/kg	1000	320	10
p-Chloro-m-cresol	ND		ug/kg	1700	250	10
2-Chlorophenol	ND		ug/kg	1700	200	10
2,4-Dichlorophenol	ND		ug/kg	1500	270	10
2,4-Dimethylphenol	ND		ug/kg	1700	550	10
2-Nitrophenol	ND		ug/kg	3600	630	10
4-Nitrophenol	ND		ug/kg	2300	680	10
2,4-Dinitrophenol	ND		ug/kg	8000	780	10
4,6-Dinitro-o-cresol	ND		ug/kg	4400	800	10
Pentachlorophenol	ND		ug/kg	1300	370	10
Phenol	ND		ug/kg	1700	250	10
2-Methylphenol	ND		ug/kg	1700	260	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2400	260	10
2,4,5-Trichlorophenol	ND		ug/kg	1700	320	10
Carbazole	ND		ug/kg	1700	160	10
Atrazine	ND		ug/kg	1300	580	10
Benzaldehyde	ND		ug/kg	2200	450	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-02 D
Client ID: TB-DOC37-061424-0910
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 09:10
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1700	510	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1700	340	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	93		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-05
Client ID: 4444-061424-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 00:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/22/24 10:29
Analyst: SZ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	5100		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	830		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	96	J	ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	2700		ug/kg	110	20.	1
Benzo(a)pyrene	3000		ug/kg	140	43.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-05 Date Collected: 06/14/24 00:00

Client ID: 4444-061424-0001 Date Received: 06/14/24

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						
Benzo(b)fluoranthene	3300		ug/kg	110	30.	1
Benzo(k)fluoranthene	930		ug/kg	110	28.	1
Chrysene	2600		ug/kg	110	18.	1
Acenaphthylene	1800		ug/kg	140	27.	1
Anthracene	990		ug/kg	110	34.	1
Benzo(ghi)perylene	3400		ug/kg	140	21.	1
Fluorene	260		ug/kg	180	17.	1
Phenanthrene	2300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	480		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	2400		ug/kg	140	25.	1
Pyrene	7200	E	ug/kg	110	18.	1
Biphenyl	120	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	260		ug/kg	180	17.	1
2-Methylnaphthalene	800		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	140	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-05 Date Collected: 06/14/24 00:00

Client ID: 4444-061424-0001 Date Received: 06/14/24

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						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	70		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2433822
Project Number: 0200336-002
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-05 D
Client ID: 4444-061424-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 00:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/23/24 22:06
Analyst: SZ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Pyrene	8400		ug/kg	530	88.	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-06
Client ID: 4444-061424-0002
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 00:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/24/24 18:21
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 06/20/24 13:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-06 Date Collected: 06/14/24 00:00

Client ID: 4444-061424-0002 Date Received: 06/14/24

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	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	0.54	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	70		41-149

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-06
Client ID: 4444-061424-0002
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 00:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/22/24 19:08
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 06/20/24 13:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.12		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.06	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.08	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.09	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.06	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.06	J	ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.05	J	ug/l	0.10	0.02	1
Pyrene	0.13		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-06 Date Collected: 06/14/24 00:00

Client ID: 4444-061424-0002 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	73		41-149

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-06
Client ID: 4444-061424-0002
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 00:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/26/24 22:24
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/26/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.85	J	ng/l	5.86	0.938	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.93	0.784	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.47	0.491	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.86	1.53	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.47	0.432	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.47	0.256	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.47	0.293	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.47	0.352	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.47	0.638	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.86	1.98	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.47	0.396	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.47	0.462	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.47	0.667	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.47	0.594	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.86	2.28	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.47	0.454	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.47	0.799	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.47	0.638	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.47	0.337	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.47	0.396	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.47	0.792	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.47	0.674	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.47	0.550	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.47	0.388	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.86	0.821	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.86	0.924	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.47	0.557	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-06 Date Collected: 06/14/24 00:00

Client ID: 4444-061424-0002 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.86	1.21	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.86	1.21	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.47	0.638	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.47	0.674	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.7	3.44	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.7	1.80	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.93	0.418	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.93	0.388	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.93	0.322	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.93	1.73	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.33	2.42	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.6	8.58	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.6	5.78	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-06 Date Collected: 06/14/24 00:00

Client ID: 4444-061424-0002 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	86		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	90		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	94		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	84		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	59		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	52		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	55		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72		20-150

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-08
Client ID: TB-DOC34-061424-0820
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 08:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/22/24 10:53
Analyst: SZ
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	57	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	2700		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	460		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	1600		ug/kg	100	20.	1
Benzo(a)pyrene	1700		ug/kg	140	42.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-08 Date Collected: 06/14/24 08:20

Client ID: TB-DOC34-061424-0820 Date Received: 06/14/24

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						
Benzo(b)fluoranthene	2200		ug/kg	100	29.	1
Benzo(k)fluoranthene	540		ug/kg	100	28.	1
Chrysene	1600		ug/kg	100	18.	1
Acenaphthylene	740		ug/kg	140	27.	1
Anthracene	530		ug/kg	100	34.	1
Benzo(ghi)perylene	1700		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	1100		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	300		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	1300		ug/kg	140	24.	1
Pyrene	3100		ug/kg	100	17.	1
Biphenyl	68	J	ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	130	J	ug/kg	170	16.	1
2-Methylnaphthalene	400		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	110	J	ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-08 Date Collected: 06/14/24 08:20

Client ID: TB-DOC34-061424-0820 Date Received: 06/14/24

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						
Caprolactam	ND		ug/kg	170	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	46		10-136
4-Terphenyl-d14	62		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-09 D
Client ID: TB-DOC35-061424-0830
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 08:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/23/24 21:48
Analyst: LJG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/21/24 06:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	110	J	ug/kg	700	91.	5
Hexachlorobenzene	ND		ug/kg	530	99.	5
Bis(2-chloroethyl)ether	ND		ug/kg	790	120	5
2-Chloronaphthalene	ND		ug/kg	880	87.	5
3,3'-Dichlorobenzidine	ND		ug/kg	880	230	5
2,4-Dinitrotoluene	ND		ug/kg	880	180	5
2,6-Dinitrotoluene	ND		ug/kg	880	150	5
Fluoranthene	4600		ug/kg	530	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	880	94.	5
4-Bromophenyl phenyl ether	ND		ug/kg	880	130	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1000	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	950	88.	5
Hexachlorobutadiene	ND		ug/kg	880	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2500	800	5
Hexachloroethane	ND		ug/kg	700	140	5
Isophorone	ND		ug/kg	790	110	5
Naphthalene	950		ug/kg	880	110	5
Nitrobenzene	ND		ug/kg	790	130	5
NDPA/DPA	ND		ug/kg	700	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	880	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	880	300	5
Butyl benzyl phthalate	ND		ug/kg	880	220	5
Di-n-butylphthalate	ND		ug/kg	880	170	5
Di-n-octylphthalate	ND		ug/kg	880	300	5
Diethyl phthalate	ND		ug/kg	880	82.	5
Dimethyl phthalate	ND		ug/kg	880	180	5
Benzo(a)anthracene	2800		ug/kg	530	99.	5
Benzo(a)pyrene	3400		ug/kg	700	210	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-09 D
Client ID: TB-DOC35-061424-0830
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 08:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	4200		ug/kg	530	150	5
Benzo(k)fluoranthene	1300		ug/kg	530	140	5
Chrysene	2700		ug/kg	530	92.	5
Acenaphthylene	1200		ug/kg	700	140	5
Anthracene	710		ug/kg	530	170	5
Benzo(ghi)perylene	3000		ug/kg	700	100	5
Fluorene	170	J	ug/kg	880	86.	5
Phenanthrene	1800		ug/kg	530	110	5
Dibenzo(a,h)anthracene	560		ug/kg	530	100	5
Indeno(1,2,3-cd)pyrene	2000		ug/kg	700	120	5
Pyrene	5800		ug/kg	530	88.	5
Biphenyl	ND		ug/kg	2000	110	5
4-Chloroaniline	ND		ug/kg	880	160	5
2-Nitroaniline	ND		ug/kg	880	170	5
3-Nitroaniline	ND		ug/kg	880	170	5
4-Nitroaniline	ND		ug/kg	880	360	5
Dibenzofuran	210	J	ug/kg	880	83.	5
2-Methylnaphthalene	650	J	ug/kg	1000	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	880	92.	5
Acetophenone	ND		ug/kg	880	110	5
2,4,6-Trichlorophenol	ND		ug/kg	530	170	5
p-Chloro-m-cresol	ND		ug/kg	880	130	5
2-Chlorophenol	ND		ug/kg	880	100	5
2,4-Dichlorophenol	ND		ug/kg	790	140	5
2,4-Dimethylphenol	ND		ug/kg	880	290	5
2-Nitrophenol	ND		ug/kg	1900	330	5
4-Nitrophenol	ND		ug/kg	1200	360	5
2,4-Dinitrophenol	ND		ug/kg	4200	410	5
4,6-Dinitro-o-cresol	ND		ug/kg	2300	420	5
Pentachlorophenol	ND		ug/kg	700	190	5
Phenol	ND		ug/kg	880	130	5
2-Methylphenol	ND		ug/kg	880	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5
2,4,5-Trichlorophenol	ND		ug/kg	880	170	5
Carbazole	160	J	ug/kg	880	86.	5
Atrazine	ND		ug/kg	700	310	5
Benzaldehyde	ND		ug/kg	1200	240	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-09 D
Client ID: TB-DOC35-061424-0830
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 08:30
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	880	270	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	880	180	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	57		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/22/24 11:38
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 06/20/24 13:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1937164-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/22/24 11:38
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 06/20/24 13:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1937164-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**19**	Q	21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	28		10-120
4-Terphenyl-d14	76		41-149

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/21/24 10:03
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/20/24 13:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06 Batch: WG1937165-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/21/24 10:03
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/20/24 13:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06 Batch: WG1937165-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	21		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	34		10-120
4-Terphenyl-d14	103		41-149

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/24 12:20
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 06/20/24 15:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,05,08 Batch: WG1937194-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/24 12:20
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 06/20/24 15:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,05,08 Batch: WG1937194-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/24 12:20
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 06/20/24 15:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,05,08 Batch: WG1937194-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	74		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/24 22:42
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/21/24 06:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1937424-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/24 22:42
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/21/24 06:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1937424-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/21/24 22:42
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/21/24 06:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1937424-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	89		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/26/24 16:58
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/26/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06 Batch: WG1939435-1					
Perfluorobutanoic Acid (PFBA)	1.48	J	ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/26/24 16:58
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/26/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06 Batch: WG1939435-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/26/24 16:58
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/26/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06 Batch: WG1939435-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	72		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	71		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	80		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	68		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	75		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	68		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	70		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	59		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	77		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	66		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	63		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	42		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	51		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	65		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1937164-2 WG1937164-3								
Bis(2-chloroethyl)ether	80		83		40-140	4		30
3,3'-Dichlorobenzidine	89		88		40-140	1		30
2,4-Dinitrotoluene	97		95		48-143	2		30
2,6-Dinitrotoluene	102		98		40-140	4		30
4-Chlorophenyl phenyl ether	85		85		40-140	0		30
4-Bromophenyl phenyl ether	86		86		40-140	0		30
Bis(2-chloroisopropyl)ether	83		87		40-140	5		30
Bis(2-chloroethoxy)methane	86		89		40-140	3		30
Hexachlorocyclopentadiene	48		52		40-140	8		30
Isophorone	82		83		40-140	1		30
Nitrobenzene	86		90		40-140	5		30
NDPA/DPA	95		91		40-140	4		30
n-Nitrosodi-n-propylamine	86		86		29-132	0		30
Bis(2-ethylhexyl)phthalate	89		86		40-140	3		30
Butyl benzyl phthalate	93		93		40-140	0		30
Di-n-butylphthalate	89		87		40-140	2		30
Di-n-octylphthalate	88		85		40-140	3		30
Diethyl phthalate	100		94		40-140	6		30
Dimethyl phthalate	97		94		40-140	3		30
Biphenyl	75		79		40-140	5		30
4-Chloroaniline	68		70		40-140	3		30
2-Nitroaniline	98		95		52-143	3		30
3-Nitroaniline	104		99		25-145	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1937164-2 WG1937164-3								
4-Nitroaniline	105		100		51-143	5		30
Dibenzofuran	83		84		40-140	1		30
1,2,4,5-Tetrachlorobenzene	68		70		2-134	3		30
Acetophenone	82		85		39-129	4		30
2,4,6-Trichlorophenol	**29**	Q	**21**	Q	30-130	**32**	Q	30
p-Chloro-m-cresol	78		75		23-97	4		30
2-Chlorophenol	39		35		27-123	11		30
2,4-Dichlorophenol	42		35		30-130	18		30
2,4-Dimethylphenol	62		64		30-130	3		30
2-Nitrophenol	38		32		30-130	17		30
4-Nitrophenol	20		15		10-80	29		30
2,4-Dinitrophenol	59		55		20-130	7		30
4,6-Dinitro-o-cresol	48		43		20-164	11		30
Phenol	28		26		12-110	7		30
2-Methylphenol	68		66		30-130	3		30
3-Methylphenol/4-Methylphenol	68		67		30-130	1		30
2,4,5-Trichlorophenol	38		**27**	Q	30-130	**34**	Q	30
Carbazole	94		92		55-144	2		30
Atrazine	95		93		40-140	2		30
Benzaldehyde	72		78		40-140	8		30
Caprolactam	33		32		10-130	3		30
2,3,4,6-Tetrachlorophenol	**28**	Q	**20**	Q	40-140	**33**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1937164-2 WG1937164-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	**18**	Q	**16**	Q	21-120
Phenol-d6	27		24		10-120
Nitrobenzene-d5	86		86		23-120
2-Fluorobiphenyl	79		80		15-120
2,4,6-Tribromophenol	33		22		10-120
4-Terphenyl-d14	82		77		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06 Batch: WG1937165-2 WG1937165-3								
Acenaphthene	77		86		40-140	11		40
2-Chloronaphthalene	70		78		40-140	11		40
Fluoranthene	94		100		40-140	6		40
Hexachlorobutadiene	57		65		40-140	13		40
Naphthalene	63		72		40-140	13		40
Benzo(a)anthracene	86		91		40-140	6		40
Benzo(a)pyrene	98		103		40-140	5		40
Benzo(b)fluoranthene	91		100		40-140	9		40
Benzo(k)fluoranthene	97		97		40-140	0		40
Chrysene	83		88		40-140	6		40
Acenaphthylene	79		86		40-140	8		40
Anthracene	86		92		40-140	7		40
Benzo(ghi)perylene	90		100		40-140	11		40
Fluorene	82		90		40-140	9		40
Phenanthrene	85		90		40-140	6		40
Dibenzo(a,h)anthracene	102		112		40-140	9		40
Indeno(1,2,3-cd)pyrene	100		110		40-140	10		40
Pyrene	93		100		40-140	7		40
2-Methylnaphthalene	68		77		40-140	12		40
Pentachlorophenol	**28**	Q	**22**	Q	40-140	24		40
Hexachlorobenzene	83		89		40-140	7		40
Hexachloroethane	58		67		40-140	14		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

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

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06 Batch: WG1937165-2 WG1937165-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	**19**	Q	**18**	Q	21-120
Phenol-d6	26		25		10-120
Nitrobenzene-d5	77		85		23-120
2-Fluorobiphenyl	73		79		15-120
2,4,6-Tribromophenol	36		27		10-120
4-Terphenyl-d14	93		98		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05,08 Batch: WG1937194-2 WG1937194-3								
Acenaphthene	60		53		31-137	12		50
Hexachlorobenzene	65		55		40-140	17		50
Bis(2-chloroethyl)ether	53		47		40-140	12		50
2-Chloronaphthalene	68		58		40-140	16		50
3,3'-Dichlorobenzidine	54		48		40-140	12		50
2,4-Dinitrotoluene	71		62		40-132	14		50
2,6-Dinitrotoluene	76		63		40-140	19		50
Fluoranthene	70		59		40-140	17		50
4-Chlorophenyl phenyl ether	72		63		40-140	13		50
4-Bromophenyl phenyl ether	68		61		40-140	11		50
Bis(2-chloroisopropyl)ether	54		46		40-140	16		50
Bis(2-chloroethoxy)methane	55		48		40-117	14		50
Hexachlorobutadiene	77		66		40-140	15		50
Hexachlorocyclopentadiene	55		46		40-140	18		50
Hexachloroethane	57		48		40-140	17		50
Isophorone	59		50		40-140	17		50
Naphthalene	62		52		40-140	18		50
Nitrobenzene	64		55		40-140	15		50
NDPA/DPA	64		56		36-157	13		50
n-Nitrosodi-n-propylamine	60		52		32-121	14		50
Bis(2-ethylhexyl)phthalate	54		45		40-140	18		50
Butyl benzyl phthalate	59		51		40-140	15		50
Di-n-butylphthalate	60		51		40-140	16		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05,08 Batch: WG1937194-2 WG1937194-3								
Di-n-octylphthalate	51		42		40-140	19		50
Diethyl phthalate	61		53		40-140	14		50
Dimethyl phthalate	72		58		40-140	22		50
Benzo(a)anthracene	62		54		40-140	14		50
Benzo(a)pyrene	62		52		40-140	18		50
Benzo(b)fluoranthene	61		48		40-140	24		50
Benzo(k)fluoranthene	61		54		40-140	12		50
Chrysene	63		53		40-140	17		50
Acenaphthylene	69		57		40-140	19		50
Anthracene	66		55		40-140	18		50
Benzo(ghi)perylene	61		52		40-140	16		50
Fluorene	64		56		40-140	13		50
Phenanthrene	62		53		40-140	16		50
Dibenzo(a,h)anthracene	62		52		40-140	18		50
Indeno(1,2,3-cd)pyrene	59		50		40-140	17		50
Pyrene	70		59		35-142	17		50
Biphenyl	62		52		37-127	18		50
4-Chloroaniline	60		58		40-140	3		50
2-Nitroaniline	70		58		47-134	19		50
3-Nitroaniline	54		50		26-129	8		50
4-Nitroaniline	59		50		41-125	17		50
Dibenzofuran	63		55		40-140	14		50
2-Methylnaphthalene	65		55		40-140	17		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05,08 Batch: WG1937194-2 WG1937194-3								
1,2,4,5-Tetrachlorobenzene	72		61		40-117	17		50
Acetophenone	54		48		14-144	12		50
2,4,6-Trichlorophenol	79		66		30-130	18		50
p-Chloro-m-cresol	69		56		26-103	21		50
2-Chlorophenol	60		52		25-102	14		50
2,4-Dichlorophenol	68		58		30-130	16		50
2,4-Dimethylphenol	59		51		30-130	15		50
2-Nitrophenol	68		57		30-130	18		50
4-Nitrophenol	71		59		11-114	18		50
2,4-Dinitrophenol	70		59		4-130	17		50
4,6-Dinitro-o-cresol	80		68		10-130	16		50
Pentachlorophenol	60		52		17-109	14		50
Phenol	60		51		26-90	16		50
2-Methylphenol	61		51		30-130.	18		50
3-Methylphenol/4-Methylphenol	66		56		30-130	16		50
2,4,5-Trichlorophenol	79		68		30-130	15		50
Carbazole	62		**52**	Q	54-128	18		50
Atrazine	67		58		40-140	14		50
Benzaldehyde	47		44		40-140	7		50
Caprolactam	60		51		15-130	16		50
2,3,4,6-Tetrachlorophenol	76		67		40-140	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05,08 Batch: WG1937194-2 WG1937194-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		52		25-120
Phenol-d6	61		52		10-120
Nitrobenzene-d5	65		56		23-120
2-Fluorobiphenyl	73		62		30-120
2,4,6-Tribromophenol	61		55		10-136
4-Terphenyl-d14	70		59		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1937424-2 WG1937424-3								
Acenaphthene	81		87		31-137	7		50
Hexachlorobenzene	85		92		40-140	8		50
Bis(2-chloroethyl)ether	70		77		40-140	10		50
2-Chloronaphthalene	88		94		40-140	7		50
3,3'-Dichlorobenzidine	78		82		40-140	5		50
2,4-Dinitrotoluene	98		102		40-132	4		50
2,6-Dinitrotoluene	95		101		40-140	6		50
Fluoranthene	92		98		40-140	6		50
4-Chlorophenyl phenyl ether	96		101		40-140	5		50
4-Bromophenyl phenyl ether	91		98		40-140	7		50
Bis(2-chloroisopropyl)ether	70		75		40-140	7		50
Bis(2-chloroethoxy)methane	74		78		40-117	5		50
Hexachlorobutadiene	103		110		40-140	7		50
Hexachlorocyclopentadiene	72		78		40-140	8		50
Hexachloroethane	75		81		40-140	8		50
Isophorone	76		81		40-140	6		50
Naphthalene	79		88		40-140	11		50
Nitrobenzene	85		91		40-140	7		50
NDPA/DPA	87		92		36-157	6		50
n-Nitrosodi-n-propylamine	77		80		32-121	4		50
Bis(2-ethylhexyl)phthalate	73		77		40-140	5		50
Butyl benzyl phthalate	79		83		40-140	5		50
Di-n-butylphthalate	80		84		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1937424-2 WG1937424-3								
Di-n-octylphthalate	70		73		40-140	4		50
Diethyl phthalate	83		88		40-140	6		50
Dimethyl phthalate	89		94		40-140	5		50
Benzo(a)anthracene	85		91		40-140	7		50
Benzo(a)pyrene	85		91		40-140	7		50
Benzo(b)fluoranthene	79		86		40-140	8		50
Benzo(k)fluoranthene	88		93		40-140	6		50
Chrysene	86		93		40-140	8		50
Acenaphthylene	87		92		40-140	6		50
Anthracene	88		92		40-140	4		50
Benzo(ghi)perylene	82		88		40-140	7		50
Fluorene	84		90		40-140	7		50
Phenanthrene	85		88		40-140	3		50
Dibenzo(a,h)anthracene	84		90		40-140	7		50
Indeno(1,2,3-cd)pyrene	81		88		40-140	8		50
Pyrene	92		100		35-142	8		50
Biphenyl	80		85		37-127	6		50
4-Chloroaniline	76		87		40-140	13		50
2-Nitroaniline	88		95		47-134	8		50
3-Nitroaniline	71		76		26-129	7		50
4-Nitroaniline	80		85		41-125	6		50
Dibenzofuran	87		93		40-140	7		50
2-Methylnaphthalene	85		92		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1937424-2 WG1937424-3								
1,2,4,5-Tetrachlorobenzene	92		100		40-117	8		50
Acetophenone	73		76		14-144	4		50
2,4,6-Trichlorophenol	100		108		30-130	8		50
p-Chloro-m-cresol	87		92		26-103	6		50
2-Chlorophenol	79		85		25-102	7		50
2,4-Dichlorophenol	87		94		30-130	8		50
2,4-Dimethylphenol	77		81		30-130	5		50
2-Nitrophenol	85		92		30-130	8		50
4-Nitrophenol	96		99		11-114	3		50
2,4-Dinitrophenol	86		95		4-130	10		50
4,6-Dinitro-o-cresol	107		111		10-130	4		50
Pentachlorophenol	80		86		17-109	7		50
Phenol	77		84		26-90	9		50
2-Methylphenol	80		84		30-130.	5		50
3-Methylphenol/4-Methylphenol	86		90		30-130	5		50
2,4,5-Trichlorophenol	104		108		30-130	4		50
Carbazole	83		88		54-128	6		50
Atrazine	89		94		40-140	5		50
Benzaldehyde	62		67		40-140	8		50
Caprolactam	74		82		15-130	10		50
2,3,4,6-Tetrachlorophenol	101		109		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1937424-2 WG1937424-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		86		25-120
Phenol-d6	79		83		10-120
Nitrobenzene-d5	84		91		23-120
2-Fluorobiphenyl	93		99		30-120
2,4,6-Tribromophenol	85		91		10-136
4-Terphenyl-d14	94		100		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG1939435-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	128		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	121		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	120		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	115		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	128		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	123		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	118		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	112		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	140		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	128		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	132		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	102		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	130		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	120		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	127		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	123		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	98		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	138		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	102		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	113		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	133		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	132		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG1939435-2 LOW LEVEL

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorotridecanoic Acid (PFTrDA)	108		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	119		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	120		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	134		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	88		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	115		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	100		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	118		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	90		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	110		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	110		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	117		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	119		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	125		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	108		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	114		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	97		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	65		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

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

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG1939435-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	90				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	105				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	68				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	69				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	81				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	55				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	46				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG1939435-3								
Perfluorobutanoic Acid (PFBA)	101		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	108		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	96		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	100		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	99		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	99		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	102		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	96		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	104		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	104		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	99		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	98		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	103		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	102		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	110		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	100		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	101		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	93		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	93		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	106		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG1939435-3								
Perfluorotridecanoic Acid (PFTrDA)	104		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	105		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	98		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	103		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	97		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	91		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	89		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	96		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	94		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	89		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	94		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	116		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	94		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	98		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	84		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	105		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	85		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	63		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG1939435-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	92				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	106				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	88				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	93				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	78				20-150

PCBS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-06
Client ID: 4444-061424-0002
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 00:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/21/24 12:02
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 06/21/24 00:23
Cleanup Method: EPA 3665A
Cleanup Date: 06/21/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	116		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/20/24 09:56
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 06/20/24 02:59
Cleanup Method: EPA 3665A
Cleanup Date: 06/20/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06 Batch: WG1936802-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	139		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06 Batch: WG1936802-2 WG1936802-3									
Aroclor 1016	104		95		40-140	9		50	A
Aroclor 1260	93		87		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		89		30-150	A
Decachlorobiphenyl	95		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		86		30-150	B
Decachlorobiphenyl	138		139		30-150	B

PESTICIDES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-06
Client ID: 4444-061424-0002
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 00:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/21/24 15:04
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 06/21/24 00:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-06 Date Collected: 06/14/24 00:00

Client ID: 4444-061424-0002 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-06
Client ID: 4444-061424-0002
Sample Location: ROCHESTER, NY

Date Collected: 06/14/24 00:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/20/24 19:02
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 12:39

Methylation Date: 06/20/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	94		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/20/24 16:51
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/19/24 12:39

Methylation Date: 06/20/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 06 Batch: WG1936518-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	119		30-150	A
DCAA	105		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/20/24 07:56
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 06/20/24 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06 Batch: WG1936774-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/20/24 07:56
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 06/20/24 00:27

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06 Batch: WG1936774-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	96		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 06 Batch: WG1936518-2 WG1936518-3									
2,4-D	93		96		30-150	3		25	A
2,4,5-T	92		100		30-150	8		25	A
2,4,5-TP (Silvex)	90		91		30-150	1		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	98		107		30-150	A
DCAA	108		111		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06 Batch: WG1936774-2 WG1936774-3									
Delta-BHC	78		78		30-150	0		20	A
Lindane	82		84		30-150	3		20	A
Alpha-BHC	85		86		30-150	2		20	A
Beta-BHC	87		88		30-150	1		20	A
Heptachlor	86		88		30-150	3		20	A
Aldrin	83		84		30-150	2		20	A
Heptachlor epoxide	85		88		30-150	4		20	A
Endrin	86		90		30-150	5		20	A
Endrin aldehyde	80		76		30-150	5		20	A
Endrin ketone	94		98		30-150	5		20	A
Dieldrin	93		97		30-150	5		20	A
4,4'-DDE	84		89		30-150	5		20	A
4,4'-DDD	92		97		30-150	6		20	A
4,4'-DDT	91		92		30-150	1		20	A
Endosulfan I	83		86		30-150	4		20	A
Endosulfan II	90		91		30-150	2		20	A
Endosulfan sulfate	85		87		30-150	2		20	A
Methoxychlor	110		117		30-150	6		20	A
cis-Chlordane	80		83		30-150	4		20	A
trans-Chlordane	94		98		30-150	4		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06 Batch: WG1936774-2 WG1936774-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		70		30-150	A
Decachlorobiphenyl	94		97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		80		30-150	B
Decachlorobiphenyl	95		93		30-150	B

METALS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-01 Date Collected: 06/14/24 09:00

Client ID: TB-DOC36-061424-0900 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4280		mg/kg	8.46	2.28	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Antimony, Total	2.57	J	mg/kg	4.23	0.322	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Arsenic, Total	32.8		mg/kg	0.846	0.176	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Barium, Total	58.8		mg/kg	0.846	0.147	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.316	J	mg/kg	0.423	0.028	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.517	J	mg/kg	0.846	0.083	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Calcium, Total	31700		mg/kg	8.46	2.96	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Chromium, Total	10.1		mg/kg	0.846	0.081	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.53		mg/kg	1.69	0.140	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Copper, Total	59.3		mg/kg	0.846	0.218	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Iron, Total	16700		mg/kg	4.23	0.764	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Lead, Total	229		mg/kg	4.23	0.227	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Magnesium, Total	7840		mg/kg	8.46	1.30	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Manganese, Total	351		mg/kg	0.846	0.134	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Mercury, Total	0.471		mg/kg	0.076	0.049	1	06/20/24 01:00	06/21/24 12:34	EPA 7471B	1,7471B	JWN
Nickel, Total	10.7		mg/kg	2.12	0.205	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Potassium, Total	501		mg/kg	212	12.2	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Selenium, Total	0.403	J	mg/kg	1.69	0.218	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Silver, Total	0.410	J	mg/kg	0.423	0.240	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Sodium, Total	94.5	J	mg/kg	169	2.67	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Thallium, Total	0.290	J	mg/kg	1.69	0.267	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Vanadium, Total	13.1		mg/kg	0.846	0.172	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF
Zinc, Total	201		mg/kg	4.23	0.248	2	06/20/24 00:15	06/20/24 23:59	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-02 Date Collected: 06/14/24 09:10

Client ID: TB-DOC37-061424-0910 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4610		mg/kg	8.25	2.23	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Antimony, Total	0.755	J	mg/kg	4.12	0.313	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Arsenic, Total	16.8		mg/kg	0.825	0.172	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Barium, Total	61.8		mg/kg	0.825	0.143	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.320	J	mg/kg	0.412	0.027	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.471	J	mg/kg	0.825	0.081	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Calcium, Total	35600		mg/kg	8.25	2.89	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Chromium, Total	9.67		mg/kg	0.825	0.079	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.10		mg/kg	1.65	0.137	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Copper, Total	65.3		mg/kg	0.825	0.213	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Iron, Total	18700		mg/kg	4.12	0.745	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Lead, Total	200		mg/kg	4.12	0.221	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Magnesium, Total	12600		mg/kg	8.25	1.27	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Manganese, Total	347		mg/kg	0.825	0.131	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Mercury, Total	0.430		mg/kg	0.071	0.046	1	06/20/24 01:00	06/21/24 12:37	EPA 7471B	1,7471B	JWN
Nickel, Total	11.9		mg/kg	2.06	0.200	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Potassium, Total	434		mg/kg	206	11.9	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Selenium, Total	0.266	J	mg/kg	1.65	0.213	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Silver, Total	0.406	J	mg/kg	0.412	0.233	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Sodium, Total	85.9	J	mg/kg	165	2.60	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.65	0.260	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Vanadium, Total	14.2		mg/kg	0.825	0.167	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF
Zinc, Total	157		mg/kg	4.12	0.242	2	06/20/24 00:15	06/21/24 00:02	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-05 Date Collected: 06/14/24 00:00

Client ID: 4444-061424-0001 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3460		mg/kg	8.71	2.35	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Antimony, Total	2.26	J	mg/kg	4.36	0.331	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Arsenic, Total	32.8		mg/kg	0.871	0.181	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Barium, Total	45.1		mg/kg	0.871	0.152	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.269	J	mg/kg	0.436	0.029	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.396	J	mg/kg	0.871	0.085	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Calcium, Total	29000		mg/kg	8.71	3.05	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Chromium, Total	7.42		mg/kg	0.871	0.084	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Cobalt, Total	3.80		mg/kg	1.74	0.145	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Copper, Total	50.4		mg/kg	0.871	0.225	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Iron, Total	14600		mg/kg	4.36	0.787	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Lead, Total	178		mg/kg	4.36	0.234	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Magnesium, Total	6190		mg/kg	8.71	1.34	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Manganese, Total	261		mg/kg	0.871	0.138	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Mercury, Total	0.402		mg/kg	0.071	0.046	1	06/20/24 01:00	06/21/24 12:41	EPA 7471B	1,7471B	JWN
Nickel, Total	8.71		mg/kg	2.18	0.211	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Potassium, Total	396		mg/kg	218	12.5	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Selenium, Total	0.313	J	mg/kg	1.74	0.225	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Silver, Total	0.348	J	mg/kg	0.436	0.247	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Sodium, Total	79.2	J	mg/kg	174	2.74	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Thallium, Total	0.280	J	mg/kg	1.74	0.274	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Vanadium, Total	10.2		mg/kg	0.871	0.177	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF
Zinc, Total	161		mg/kg	4.36	0.255	2	06/20/24 00:15	06/21/24 00:06	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-06 Date Collected: 06/14/24 00:00

Client ID: 4444-061424-0002 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Antimony, Total	0.0112	J	mg/l	0.0500	0.0071	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Barium, Total	ND		mg/l	0.0100	0.0021	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Calcium, Total	0.207		mg/l	0.100	0.0350	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Copper, Total	0.0022	J	mg/l	0.0100	0.0022	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Iron, Total	0.0169	J	mg/l	0.0500	0.0090	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Magnesium, Total	0.0280	J	mg/l	0.100	0.0153	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/20/24 00:00	06/20/24 17:39	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Potassium, Total	ND		mg/l	2.50	0.237	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Sodium, Total	ND		mg/l	2.00	0.120	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF
Zinc, Total	ND		mg/l	0.0500	0.0021	1	06/19/24 22:41	06/21/24 11:37	EPA 3005A	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-08 Date Collected: 06/14/24 08:20

Client ID: TB-DOC34-061424-0820 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4020		mg/kg	8.36	2.26	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Antimony, Total	2.47	J	mg/kg	4.18	0.318	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Arsenic, Total	25.4		mg/kg	0.836	0.174	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Barium, Total	56.0		mg/kg	0.836	0.145	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.322	J	mg/kg	0.418	0.028	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.392	J	mg/kg	0.836	0.082	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Calcium, Total	29500		mg/kg	8.36	2.92	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Chromium, Total	7.98		mg/kg	0.836	0.080	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.56		mg/kg	1.67	0.139	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Copper, Total	63.3		mg/kg	0.836	0.216	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Iron, Total	17200		mg/kg	4.18	0.755	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Lead, Total	190		mg/kg	4.18	0.224	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Magnesium, Total	7650		mg/kg	8.36	1.29	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Manganese, Total	277		mg/kg	0.836	0.133	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Mercury, Total	0.355		mg/kg	0.069	0.045	1	06/20/24 01:00	06/21/24 12:44	EPA 7471B	1,7471B	JWN
Nickel, Total	10.8		mg/kg	2.09	0.202	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Potassium, Total	418		mg/kg	209	12.0	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.67	0.216	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Silver, Total	0.346	J	mg/kg	0.418	0.236	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Sodium, Total	110	J	mg/kg	167	2.63	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Thallium, Total	0.305	J	mg/kg	1.67	0.263	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Vanadium, Total	11.6		mg/kg	0.836	0.170	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF
Zinc, Total	139		mg/kg	4.18	0.245	2	06/20/24 00:15	06/21/24 00:09	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-09 Date Collected: 06/14/24 08:30

Client ID: TB-DOC35-061424-0830 Date Received: 06/14/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3690		mg/kg	8.30	2.24	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Antimony, Total	2.21	J	mg/kg	4.15	0.315	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Arsenic, Total	43.7		mg/kg	0.830	0.173	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Barium, Total	49.0		mg/kg	0.830	0.144	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.290	J	mg/kg	0.415	0.027	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.457	J	mg/kg	0.830	0.081	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Calcium, Total	43000		mg/kg	8.30	2.90	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Chromium, Total	8.14		mg/kg	0.830	0.080	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.43		mg/kg	1.66	0.138	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Copper, Total	57.4		mg/kg	0.830	0.214	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Iron, Total	17300		mg/kg	4.15	0.750	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Lead, Total	194		mg/kg	4.15	0.222	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Magnesium, Total	7960		mg/kg	8.30	1.28	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Manganese, Total	328		mg/kg	0.830	0.132	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Mercury, Total	0.501		mg/kg	0.074	0.048	1	06/20/24 01:00	06/21/24 12:47	EPA 7471B	1,7471B	JWN
Nickel, Total	10.3		mg/kg	2.08	0.201	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Potassium, Total	384		mg/kg	208	12.0	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Selenium, Total	0.238	J	mg/kg	1.66	0.214	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Silver, Total	0.404	J	mg/kg	0.415	0.235	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Sodium, Total	115	J	mg/kg	166	2.62	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Thallium, Total	0.289	J	mg/kg	1.66	0.262	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Vanadium, Total	11.5		mg/kg	0.830	0.168	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF
Zinc, Total	156		mg/kg	4.15	0.243	2	06/20/24 00:15	06/21/24 00:20	EPA 3050B	1,6010D	JMF

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06 Batch: WG1936638-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Barium, Total	ND		mg/l	0.0100	0.0021	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Calcium, Total	ND		mg/l	0.100	0.0350	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Magnesium, Total	ND		mg/l	0.100	0.0153	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Potassium, Total	ND		mg/l	2.50	0.237	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Sodium, Total	ND		mg/l	2.00	0.120	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF
Zinc, Total	ND		mg/l	0.0500	0.0021	1	06/19/24 22:41	06/21/24 11:23	1,6010D	JMF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06 Batch: WG1936643-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/20/24 00:00	06/20/24 17:32	1,7470A	MJR

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05,08-09 Batch: WG1936692-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Iron, Total	0.970	J	mg/kg	2.00	0.361	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/20/24 00:15	06/20/24 22:54	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05,08-09 Batch: WG1936693-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/20/24 01:00	06/21/24 12:01	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1936638-2								
Aluminum, Total	99		-		80-120	-		
Antimony, Total	90		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Calcium, Total	99		-		80-120	-		
Chromium, Total	95		-		80-120	-		
Cobalt, Total	96		-		80-120	-		
Copper, Total	98		-		80-120	-		
Iron, Total	101		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	95		-		80-120	-		
Manganese, Total	99		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	105		-		80-120	-		
Selenium, Total	100		-		80-120	-		
Silver, Total	101		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	96		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1936638-2					
Zinc, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1936643-2					
Mercury, Total	107	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,08-09 Batch: WG1936692-2					
Aluminum, Total	109	-	80-120	-	
Antimony, Total	104	-	80-120	-	
Arsenic, Total	102	-	80-120	-	
Barium, Total	105	-	80-120	-	
Beryllium, Total	107	-	80-120	-	
Cadmium, Total	102	-	80-120	-	
Calcium, Total	102	-	80-120	-	
Chromium, Total	100	-	80-120	-	
Cobalt, Total	102	-	80-120	-	
Copper, Total	103	-	80-120	-	
Iron, Total	106	-	80-120	-	
Lead, Total	103	-	80-120	-	
Magnesium, Total	99	-	80-120	-	
Manganese, Total	100	-	80-120	-	
Nickel, Total	98	-	80-120	-	
Potassium, Total	107	-	80-120	-	
Selenium, Total	103	-	80-120	-	
Silver, Total	107	-	80-120	-	
Sodium, Total	107	-	80-120	-	
Thallium, Total	101	-	80-120	-	
Vanadium, Total	102	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,08-09 Batch: WG1936692-2					
Zinc, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,08-09 Batch: WG1936693-2					
Mercury, Total	97	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1936638-3 QC Sample: L2433865-01 Client ID: MS Sample												
Aluminum, Total	ND	2	1.89	94		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.477	95		-	-		75-125	-		20
Arsenic, Total	0.0318	0.12	0.205	**144**	Q	-	-		75-125	-		20
Barium, Total	ND	2	1.96	98		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.0491	98		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.0504	95		-	-		75-125	-		20
Calcium, Total	0.545	10	9.96	94		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.193	96		-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.469	94		-	-		75-125	-		20
Copper, Total	0.015	0.25	0.255	96		-	-		75-125	-		20
Iron, Total	ND	1	0.954	95		-	-		75-125	-		20
Lead, Total	ND	0.53	0.536	101		-	-		75-125	-		20
Magnesium, Total	0.554	10	9.05	85		-	-		75-125	-		20
Manganese, Total	ND	0.5	0.468	94		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.470	94		-	-		75-125	-		20
Potassium, Total	0.875J	10	10.8	108		-	-		75-125	-		20
Selenium, Total	0.0832J	0.12	0.215	**179**	Q	-	-		75-125	-		20
Silver, Total	ND	0.05	0.0466	93		-	-		75-125	-		20
Sodium, Total	46.4	10	52.8	**64**	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.0734	**61**	Q	-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.497	99		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1936638-3 QC Sample: L2433865-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.501	100	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1936643-3 QC Sample: L2433822-06 Client ID: 4444-061424-0002									
Mercury, Total	ND	0.005	0.00508	102	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,08-09 QC Batch ID: WG1936692-3 QC Sample: L2433717-01 Client ID: MS Sample										
Aluminum, Total	2110	176	2860	**426**	Q	-	-	75-125	-	20
Antimony, Total	2.60J	44	46.5	106		-	-	75-125	-	20
Arsenic, Total	26.8	10.5	39.5	120		-	-	75-125	-	20
Barium, Total	19.4	176	210	108		-	-	75-125	-	20
Beryllium, Total	0.213J	4.4	4.91	112		-	-	75-125	-	20
Cadmium, Total	0.414J	4.66	5.34	115		-	-	75-125	-	20
Calcium, Total	670	879	1720	119		-	-	75-125	-	20
Chromium, Total	22.8	17.6	48.3	**145**	Q	-	-	75-125	-	20
Cobalt, Total	3.35	44	48.4	102		-	-	75-125	-	20
Copper, Total	879	22	921	**191**	Q	-	-	75-125	-	20
Iron, Total	5160	87.9	6170	**1150**	Q	-	-	75-125	-	20
Lead, Total	160	46.6	175	**32**	Q	-	-	75-125	-	20
Magnesium, Total	752	879	1560	92		-	-	75-125	-	20
Manganese, Total	29.2	44	81.0	118		-	-	75-125	-	20
Nickel, Total	20.0	44	67.8	109		-	-	75-125	-	20
Potassium, Total	133J	879	1130	**128**	Q	-	-	75-125	-	20
Selenium, Total	1.56J	10.5	12.4	118		-	-	75-125	-	20
Silver, Total	0.406J	4.4	5.11	116		-	-	75-125	-	20
Sodium, Total	327	879	1450	**128**	Q	-	-	75-125	-	20
Thallium, Total	ND	10.5	10.2	97		-	-	75-125	-	20
Vanadium, Total	34.8	44	93.7	**134**	Q	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,08-09 QC Batch ID: WG1936692-3 QC Sample: L2433717-01 Client ID: MS Sample										
Zinc, Total	60.7	44	119	**133**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,08-09 QC Batch ID: WG1936693-3 QC Sample: L2433793-01 Client ID: MS Sample										
Mercury, Total	0.408	1.52	1.76	89		-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1936638-4 QC Sample: L2433865-01 Client ID: DUP Sample						
Arsenic, Total	0.0318	0.0277	mg/l	14		20
Barium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1936638-4 QC Sample: L2433865-01 Client ID: DUP Sample						
Selenium, Total	0.0832J	0.0559J	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1936643-4 QC Sample: L2433822-06 Client ID: 4444-061424-0002						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,08-09 QC Batch ID: WG1936692-4 QC Sample: L2433717-01 Client ID: DUP Sample						
Lead, Total	160	124	mg/kg	**25**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,08-09 QC Batch ID: WG1936693-4 QC Sample: L2433793-01 Client ID: DUP Sample						
Mercury, Total	0.408	0.415	mg/kg	2		20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2433822
Report Date: 06/28/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05,08-09 QC Batch ID: WG1936692-6 QC Sample: L2433717-01 Client ID: DUP Sample						
Lead, Total	160	158	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-01
Client ID: TB-DOC36-061424-0900
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 09:00
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	06/18/24 02:54	121,2540G	WJM
Cyanide, Total	0.61	J	mg/kg	1.0	0.22	1	06/21/24 06:40	06/21/24 14:40	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-02
Client ID: TB-DOC37-061424-0910
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/14/24 09:10
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.7		%	0.100	NA	1	-	06/18/24 02:54	121,2540G	WJM
Cyanide, Total	ND		mg/kg	0.98	0.21	1	06/21/24 06:40	06/21/24 14:43	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-05
Client ID: 4444-061424-0001
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/14/24 00:00
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	06/18/24 02:54	121,2540G	WJM
Cyanide, Total	0.49	J	mg/kg	1.0	0.22	1	06/21/24 06:40	06/21/24 14:44	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-08
Client ID: TB-DOC34-061424-0820
Sample Location: ROCHESTER, NY
Date Collected: 06/14/24 08:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.5		%	0.100	NA	1	-	06/18/24 02:54	121,2540G	WJM
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/21/24 15:05	06/21/24 18:00	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2433822-09
Client ID: TB-DOC35-061424-0830
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/14/24 08:30
Date Received: 06/14/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	06/18/24 02:54	121,2540G	WJM
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/21/24 15:05	06/21/24 18:01	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2433822

Project Number: 0200336-002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1937370-1										
Cyanide, Total	ND		mg/kg	0.89	0.19	1	06/21/24 06:40	06/21/24 15:15	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 02,05 Batch: WG1937371-1										
Cyanide, Total	ND		mg/kg	0.89	0.19	1	06/21/24 06:40	06/21/24 15:15	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 08-09 Batch: WG1937623-1										
Cyanide, Total	ND		mg/kg	0.85	0.18	1	06/21/24 15:05	06/21/24 17:53	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1937370-2 WG1937370-3								
Cyanide, Total	98		92		80-120	6		35
General Chemistry - Westborough Lab Associated sample(s): 02,05 Batch: WG1937371-2 WG1937371-3								
Cyanide, Total	98		92		80-120	6		35
General Chemistry - Westborough Lab Associated sample(s): 08-09 Batch: WG1937623-2 WG1937623-3								
Cyanide, Total	98		100		80-120	2		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1937370-4 WG1937370-5 QC Sample: L2433539-11 Client ID: MS Sample												
Cyanide, Total	0.43J	11	12	100		12	100		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 02,05 QC Batch ID: WG1937371-4 WG1937371-5 QC Sample: L2433822-05 Client ID: 4444-061424-0001												
Cyanide, Total	0.49J	10	9.3	84		11	99		75-125	17		35
General Chemistry - Westborough Lab Associated sample(s): 08-09 QC Batch ID: WG1937623-4 WG1937623-5 QC Sample: L2433991-03 Client ID: MS Sample												
Cyanide, Total	ND	10	10	97		11	100		75-125	3		35
General Chemistry - Westborough Lab Associated sample(s): 08-09 QC Batch ID: WG1937623-6 WG1937623-7 QC Sample: L2434129-01 Client ID: MS Sample												
Cyanide, Total	ND	11	11	100		11	100		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2433822

Report Date: 06/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,05,08-09 QC Batch ID: WG1935580-1 QC Sample: L2433821-01 Client ID: DUP Sample						
Solids, Total	86.5	86.5	%	0		20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2433822
Report Date: 06/28/24

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(*)
L2433822-01A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2433822-01B	Vial water preserved	A	NA		3.8	Y	Absent	15-JUN-24 14:38	NYTCL-8260HLW-R2(14)
L2433822-01C	Vial water preserved	A	NA		3.8	Y	Absent	15-JUN-24 14:38	NYTCL-8260HLW-R2(14)
L2433822-01D	Plastic 120ml unpreserved	A	NA		3.8	Y	Absent		TS(7)
L2433822-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2433822-01F	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2433822-02A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2433822-02B	Vial water preserved	A	NA		3.8	Y	Absent	15-JUN-24 14:38	NYTCL-8260HLW-R2(14)
L2433822-02C	Vial water preserved	A	NA		3.8	Y	Absent	15-JUN-24 14:38	NYTCL-8260HLW-R2(14)
L2433822-02D	Plastic 120ml unpreserved	A	NA		3.8	Y	Absent		TS(7)
L2433822-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2433822-02F	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2433822-05A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2433822-05B	Vial water preserved	A	NA		3.8	Y	Absent	15-JUN-24 14:38	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2433822-05C	Vial water preserved	A	NA		3.8	Y	Absent	15-JUN-24 14:38	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2433822-05D	Plastic 120ml unpreserved	A	NA		3.8	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433822-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2433822-05F	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2433822-06A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2433822-06B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2433822-06C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2433822-06D	Amber 100ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2433822-06E	Amber 100ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2433822-06F	Amber 120ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2433822-06G	Amber 120ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2433822-06H	Amber 120ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2433822-06I	Amber 120ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2433822-06J	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2433822-06K	Amber 1000ml unpreserved	A	7	7	3.8	Y	Absent		HERB-APA(7)
L2433822-06L	Amber 1000ml unpreserved	A	7	7	3.8	Y	Absent		HERB-APA(7)
L2433822-06M	Plastic 500ml unpreserved	A	NA		3.8	Y	Absent		A2-1633-DRAFT(28)
L2433822-06N	Plastic 500ml unpreserved	A	NA		3.8	Y	Absent		A2-1633-DRAFT(28)
L2433822-06O	Plastic 500ml unpreserved	A	NA		3.8	Y	Absent		A2-1633-DRAFT(28)
L2433822-07A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2433822-07B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260-R2(14)
L2433822-08A	Plastic 120ml unpreserved	A	NA		3.8	Y	Absent		TS(7),ARCHIVE()

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433822-08B	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180),ARCHIVE()
L2433822-08C	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),ARCHIVE()
L2433822-08D	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW-R2(14),ARCHIVE()
L2433822-08E	Vial water preserved	A	NA		3.8	Y	Absent	15-JUN-24 14:38	NYTCL-8260HLW-R2(14),ARCHIVE()
L2433822-08F	Vial water preserved	A	NA		3.8	Y	Absent	15-JUN-24 14:38	TCN-9010(14),NYTCL-8260HLW-R2(14),ARCHIVE()
L2433822-09A	Plastic 120ml unpreserved	A	NA		3.8	Y	Absent		TS(7),ARCHIVE()
L2433822-09B	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),NA-TI(180),ARCHIVE(),CA-TI(180),CD-TI(180)
L2433822-09C	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),ARCHIVE()
L2433822-09D	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW-R2(14),ARCHIVE()
L2433822-09E	Vial water preserved	A	NA		3.8	Y	Absent	15-JUN-24 14:38	NYTCL-8260HLW-R2(14),ARCHIVE()
L2433822-09F	Vial water preserved	A	NA		3.8	Y	Absent	15-JUN-24 14:38	TCN-9010(14),NYTCL-8260HLW-R2(14),ARCHIVE()

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2433822
Report Date: 06/28/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433822
Project Number:	0200336-002	**Report Date:**	06/28/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433822
Project Number:	0200336-002	**Report Date:**	06/28/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433822
Project Number:	0200336-002	**Report Date:**	06/28/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2433822
Project Number:	0200336-002	**Report Date:**	06/28/24

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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 of

Date Rec'd in Lab: 6/15/24

ALPHA Job #: L2433822

Client Information
Client: Haley & Aldrich
Address: 200 Town Centre Dr. Rochester, NY 14623
Phone: 585-359-9000
Fax:
Email: JSZUCS@haleyaldrich.com

Project Information
Project Name: LOCKPORT-DOCUMENTATION SAMPLES
Project Location: Rochester, NY
Project # 0200336-002
(Use Project name as Project #)
Project Manager: J. SZUCS
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [X] 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 [X] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:
CC: Sdevoe SMckenna@haleyaldrich.com kbartlett@haleyaldrich.com GWhite@haleyaldrich.com

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260	TCL SVOCs 8270	TAL Metals 6010	PCBs 8082	Pesticides 8081	Herbicides 8151	PFAS 1633	Sample Specific Comments	Total Bottle
33822-01	TB-DOC36-061424-0900	6/14/24	09:00	SO	KB	X	X	X						6
-02	TB-DOC37-061424-0910		09:10	SO		X	X	X						6
-03	TB-DOC38-061424-1000		10:00	SO		X	X	X						6
-04	TB-DOC39-061424-1010		10:10	SO		X	X	X						6
-05	4444-061424-0001		—	SO		X	X	X					FD FIELD DUPE	6
-06	4444-061424-0002		—	W		X	X	X	X	X	X	X	EB EQUIP. BLANK	9
-07	4444-061424-0003		—	W		X							Trip Blank	3
-08	TB-DOC34-061424-0820	06/14/24	08:20			x	x	x						
-09	TB-DOC35-061424-0830	06/14/24	08:30			x	x	x						

MLD 06/17/24

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	A	A	A	A	P	
Preservative	F	A	A	A	A	A	A	

Relinquished By:	Date/Time	Received By:	Date/Time
	6/14/24 15:11	W Mot Pace	6/14/24 15:12
W Mot Pace	6/14/24 15:12		6/15/24 0140

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:	L2434288
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-DOC. SAMPLES
Project Number:	0200336-002
Report Date:	06/19/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434288
Report Date: 06/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2434288-01	TB-DOC8-060524-0800	SOIL	ROCHESTER, NY	06/05/24 08:00	06/05/24
L2434288-02	TB-DOC9-060524-0820	SOIL	ROCHESTER, NY	06/05/24 08:20	06/05/24
L2434288-03	TB-DOC10-060524-0850	SOIL	ROCHESTER, NY	06/05/24 08:50	06/05/24
L2434288-04	TB-DOC11-060524-0900	SOIL	ROCHESTER, NY	06/05/24 09:00	06/05/24
L2434288-05	TB-DOC12-060524-1000	SOIL	ROCHESTER, NY	06/05/24 10:00	06/05/24

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2434288
Project Number:	0200336-002	**Report Date:**	06/19/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2434288
Project Number:	0200336-002	**Report Date:**	06/19/24

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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/19/24

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434288
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2434288-01
Client ID: TB-DOC8-060524-0800
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/05/24 08:00
Date Received: 06/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	06/07/24 01:04	121,2540G	WJM
Cyanide, Total	0.69	J	mg/kg	1.1	0.23	1	06/19/24 05:30	06/19/24 13:35	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434288
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2434288-02
Client ID: TB-DOC9-060524-0820
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/05/24 08:20
Date Received: 06/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	06/07/24 01:04	121,2540G	WJM
Cyanide, Total	0.89	J	mg/kg	1.0	0.21	1	06/19/24 05:30	06/19/24 13:39	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434288
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2434288-03
Client ID: TB-DOC10-060524-0850
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/05/24 08:50
Date Received: 06/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.7		%	0.100	NA	1	-	06/07/24 01:04	121,2540G	WJM
Cyanide, Total	0.81	J	mg/kg	1.0	0.22	1	06/19/24 05:30	06/19/24 13:40	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434288
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2434288-04
Client ID: TB-DOC11-060524-0900
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/05/24 09:00
Date Received: 06/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	06/07/24 01:04	121,2540G	WJM
Cyanide, Total	0.32	J	mg/kg	1.1	0.23	1	06/19/24 05:30	06/19/24 13:41	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434288
Report Date: 06/19/24

SAMPLE RESULTS

Lab ID: L2434288-05
Client ID: TB-DOC12-060524-1000
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/05/24 10:00
Date Received: 06/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	06/07/24 01:04	121,2540G	WJM
Cyanide, Total	0.23	J	mg/kg	1.0	0.22	1	06/19/24 05:30	06/19/24 13:42	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434288
Report Date: 06/19/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG1936179-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	06/19/24 05:30	06/19/24 13:01	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2434288

Report Date: 06/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG1936179-2 WG1936179-3								
Cyanide, Total	97		103		80-120	6		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434288
Report Date: 06/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1936179-4 WG1936179-5 QC Sample: L2434288-01 Client ID: TB-DOC8-060524-0800												
Cyanide, Total	0.69J	11	10	91		10	91		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2434288

Report Date: 06/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1930884-1 QC Sample: L2431245-01 Client ID: DUP Sample						
Solids, Total	86.5	86.2	%	0		20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434288
Report Date: 06/19/24

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(*)
L2434288-01F	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		TCN-9010(14)
L2434288-02F	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		TCN-9010(14)
L2434288-03F	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		TCN-9010(14)
L2434288-04F	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		TCN-9010(14)
L2434288-05F	Glass 120ml/4oz unpreserved	A	NA		5.4	Y	Absent		TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2434288
Project Number:	0200336-002	**Report Date:**	06/19/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2434288
Project Number:	0200336-002	**Report Date:**	06/19/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2434288
Project Number:	0200336-002	**Report Date:**	06/19/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2434288
Project Number:	0200336-002	**Report Date:**	06/19/24

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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.

ALPHA

NEW YORK CHAIN OF CUSTODY

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: 6/6/24

L2434288 WMC 6/18/24
ALPHA Job #: L2434345

Client Information
Client:
Address: 200 Town Centre Dr. Suite 2, Rochester, NY
Phone: 585-359-9000
Fax:
Email: JSZUCS@haleyaldrich.com

Project Information
Project Name: 65 TROWBRIDGE - Documentation samples
Project Location: Rochester, NY
Project #: 0200336-002
(Use Project name as Project #)
Project Manager: J. SZUCS
ALPHAQuote #:

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

Deliverables
ASP-A
ASP-B: X
EQuIS (1 File)
EQuIS (4 File): X
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: X
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:
CC: smckenna@haleyaldrich.com kbartlett@haleyaldrich.com EWhite@haleyaldrich.com

Please specify Metals or TAL.
*TCN-9010

ANALYSIS
TCL VOCs 8260
TCL SVOCs 8270
TAL Metals 6010
PCBs 8082
Pesticides 8081
Herbicides 8151
PFAS 1633
* TCN-9010

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 VOCs 8260	TCL SVOCs 8270	TAL Metals 6010	PCBs 8082	Pesticides 8081	Herbicides 8151	PFAS 1633	* TCN-9010	Sample Specific Comments	Total Bottle
L2434345-01	TB-DOC8-060524-0800	6/5/24	08:00	S	KB	X	X	X					X		3
34288 -02	TB-DOC9-060524-0820		08:20		KB	X	X	X					X		3
-03	TB-DOC10-060524-0850		08:50		KB	X	X	X					X		3
-04	TB-DOC11-060524-0900		09:00		KB	X	X	X					X		3
-05	TB-DOC12-060524-1000		10:00		KB	X	X	X					X		3

Container Type: V A A
Preservative: F A A

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	6/5/24 15:32	SECURE STORAGE PACE	6/5/24 1532
SECURE STORAGE PACE	6/5/24 17:50	Jeff Mayol PACE	6/5/24 1750
Jeff Mayol PACE	6/5/24 1750		6/6/24 0140

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:	L2434436
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-DOC. SAMPLES
Project Number:	0200336-002
Report Date:	06/25/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2434436-01	TB-DOC38-061824-0810	SOIL	ROCHESTER, NY	06/18/24 08:10	06/18/24
L2434436-02	TB-DOC39-061824-0820	SOIL	ROCHESTER, NY	06/18/24 08:20	06/18/24
L2434436-03	TB-DOC40-061824-0850	SOIL	ROCHESTER, NY	06/18/24 08:50	06/18/24
L2434436-04	TB-DOC41-061824-0900	SOIL	ROCHESTER, NY	06/18/24 09:00	06/18/24
L2434436-05	TB-DOC42-061824-0920	SOIL	ROCHESTER, NY	06/18/24 09:20	06/18/24
L2434436-06	TB-DOC43-061824-0930	SOIL	ROCHESTER, NY	06/18/24 09:30	06/18/24
L2434436-07	TB-DOC44-061824-1000	SOIL	ROCHESTER, NY	06/18/24 10:00	06/18/24
L2434436-08	TB-DOC45-061824-1010	SOIL	ROCHESTER, NY	06/18/24 10:10	06/18/24
L2434436-09	TB-DOC46-061824-1030	SOIL	ROCHESTER, NY	06/18/24 10:30	06/18/24

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2434436
Project Number:	0200336-002	**Report Date:**	06/25/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2434436
Project Number:	0200336-002	**Report Date:**	06/25/24

Case Narrative (continued)

Report Submission

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

Volatile Organics

L2434436-01, -02, and -03: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

L2434436-01: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (38%) was below the acceptance criteria; however, re-analysis achieved the following result: 1,4-dichlorobenzene-d4 (39%). The results of both analyses are reported.

L2434436-02: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (31%) was below the acceptance criteria; however, re-analysis achieved the following result: 1,4-dichlorobenzene-d4 (37%). The results of both analyses are reported.

L2434436-03: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (39%) was below the acceptance criteria; however, re-analysis achieved the following result: 1,4-dichlorobenzene-d4 (45%). The results of both analyses are reported.

L2434436-04, -06, and -07: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of target compounds in the sample.

L2434436-06: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

The WG1939024-3/-4 LCS/LCSD recoveries, associated with L2434436-01R, -02R, -03R, and -08, are above the individual acceptance criteria for chloromethane (148%/142%), but within the overall method allowances. The results of the associated samples are reported.

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2434436
Project Number:	0200336-002	**Report Date:**	06/25/24

Case Narrative (continued)

The WG1938992-6/-7 MS/MSD recoveries, performed on L2434436-05, are outside the acceptance criteria for methylene chloride (36%/41%), 1,1-dichloroethane (59%/64%), chloroform (44%/49%), 1,2-dichloropropane (40%/45%), dibromochloromethane (20%/24%), 1,1,2-trichloroethane (24%/30%), tetrachloroethene (54%/60%), chlorobenzene (16%/21%), 1,2-dichloroethane (21%/25%), bromodichloromethane (27%/33%), trans-1,3-dichloropropene (6%/8%), cis-1,3-dichloropropene (11%/15%), bromoform (18%/22%), 1,1,2,2-tetrachloroethane (24%/28%), benzene (46%/52%), toluene (40%/46%), ethylbenzene (33%/37%), trans-1,2-dichloroethene (38%/46%), trichloroethene (36%/43%), 1,2-dichlorobenzene (8%/10%), 1,3-dichlorobenzene (9%/12%), 1,4-dichlorobenzene (7%/9%), methyl tert butyl ether (MS 65%), p/m-xylene (30%/35%), o-xylene (29%/34%), cis-1,2-dichloroethene (26%/32%), styrene (12%/16%), acetone (MS 51%), carbon disulfide (46%/54%), 2-butanone (41%/46%), 4-methyl-2-pentanone (41%/45%), 2-hexanone (18%/22%), bromochloromethane (21%/26%), 1,2-dibromoethane (10%/13%), 1,2-dibromo-3-chloropropane (13%/16%), isopropylbenzene (53%/55%), 1,2,3-trichlorobenzene (3%/3%), 1,2,4-trichlorobenzene (3%/4%), and methyl acetate (MS 50%); however, the associated LCS/LCSD recoveries are within overall method allowances. No further action was required.

Semivolatile Organics

L2434436-01, -05, -06, -08, and -09: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2434436-02D, -03D, and -04D: The sample has elevated detection limits due to the dilution required by the sample matrix.

The WG1938255-4/-5 MS/MSD recoveries, performed on L2434436-05, are outside the acceptance criteria for 3,3'-dichlorobenzidine (17%/24%), hexachlorocyclopentadiene (12%/11%), and 4-nitroaniline (MS 36%).

The WG1938255-4/-5 MS/MSD recoveries, performed on L2434436-05, are outside the acceptance criteria for fluoranthene (14%/34%), benzo(a)anthracene (MS 14%), benzo(a)pyrene (MS 0%), benzo(b)fluoranthene (MS 7%), benzo(k)fluoranthene (0%/27%), chrysene (MS 0%), benzo(ghi)perylene (MS 28%), indeno(1,2,3-

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2434436
Project Number:	0200336-002	**Report Date:**	06/25/24

Case Narrative (continued)

cd)pyrene (MS 35%), and pyrene (0%/34%), The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

The WG1938255-4/-5 MS/MSD recoveries, performed on L2434436-05, are below the acceptance criteria for 2,4-dinitrophenol (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

The WG1938255-4/-5 MS/MSD recoveries, performed on L2434436-05, are below the acceptance criteria for 4,6-dinitro-o-cresol (8%/7%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals

L2434436-01 through -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1937869-3/-4 MS/MSD recoveries for aluminum (0%/0%), arsenic (734%/187%), calcium (451%/0%), iron (MS 12400%), lead (1270%/0%), magnesium (0%/0%), and manganese (280%/73%), performed on L2434436-05, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1937869-3/-4 MS/MSD recoveries, performed on L2434436-05, are outside the acceptance criteria for copper (278%/64%) and zinc (183%/61%). A post digestion spike was performed and was within acceptance criteria.

The WG1937869-3/-4 MS/MSD RPDs for aluminum (39%), arsenic (45%), copper (39%), iron (44%), lead (125%), magnesium (70%), manganese (22%), and zinc (34%), performed on L2434436-05, are above the acceptance criteria.

The WG1937869-6 serial dilution analysis, associated with L2434436-05, had a %D above the acceptance criteria for iron (25%) and magnesium (21%).

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

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 06/25/24

ORGANICS

VOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-01
Client ID: TB-DOC38-061824-0810
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/21/24 16:24
Analyst: JIC
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	240	110	1
1,1-Dichloroethane	ND		ug/kg	47	6.8	1
Chloroform	ND		ug/kg	71	6.6	1
Carbon tetrachloride	ND		ug/kg	47	11.	1
1,2-Dichloropropane	ND		ug/kg	47	5.9	1
Dibromochloromethane	ND		ug/kg	47	6.6	1
1,1,2-Trichloroethane	ND		ug/kg	47	13.	1
Tetrachloroethene	19	J	ug/kg	24	9.3	1
Chlorobenzene	ND		ug/kg	24	6.0	1
Trichlorofluoromethane	ND		ug/kg	190	33.	1
1,2-Dichloroethane	ND		ug/kg	47	12.	1
1,1,1-Trichloroethane	ND		ug/kg	24	7.9	1
Bromodichloromethane	ND		ug/kg	24	5.2	1
trans-1,3-Dichloropropene	ND		ug/kg	47	13.	1
cis-1,3-Dichloropropene	ND		ug/kg	24	7.5	1
Bromoform	ND		ug/kg	190	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	24	7.8	1
Benzene	120		ug/kg	24	7.8	1
Toluene	570		ug/kg	47	26.	1
Ethylbenzene	110		ug/kg	47	6.7	1
Chloromethane	ND		ug/kg	190	44.	1
Bromomethane	ND		ug/kg	94	27.	1
Vinyl chloride	ND		ug/kg	47	16.	1
Chloroethane	ND		ug/kg	94	21.	1
1,1-Dichloroethene	ND		ug/kg	47	11.	1
trans-1,2-Dichloroethene	ND		ug/kg	71	6.5	1
Trichloroethene	380		ug/kg	24	6.5	1
1,2-Dichlorobenzene	ND		ug/kg	94	6.8	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-01 Date Collected: 06/18/24 08:10

Client ID: TB-DOC38-061824-0810 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	94	7.0	1
1,4-Dichlorobenzene	ND		ug/kg	94	8.1	1
Methyl tert butyl ether	ND		ug/kg	94	9.5	1
p/m-Xylene	560		ug/kg	94	26.	1
o-Xylene	410		ug/kg	47	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	47	8.3	1
Styrene	35	J	ug/kg	47	9.3	1
Dichlorodifluoromethane	ND		ug/kg	470	43.	1
Acetone	ND		ug/kg	470	230	1
Carbon disulfide	ND		ug/kg	470	220	1
2-Butanone	ND		ug/kg	470	100	1
4-Methyl-2-pentanone	ND		ug/kg	470	60.	1
2-Hexanone	ND		ug/kg	470	56.	1
Bromochloromethane	ND		ug/kg	94	9.7	1
1,2-Dibromoethane	ND		ug/kg	47	13.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	140	47.	1
Isopropylbenzene	84		ug/kg	47	5.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	94	15.	1
1,2,4-Trichlorobenzene	ND		ug/kg	94	13.	1
Methyl Acetate	200		ug/kg	190	45.	1
Cyclohexane	340	J	ug/kg	470	26.	1
1,4-Dioxane	ND		ug/kg	3800	1600	1
Freon-113	ND		ug/kg	190	33.	1
Methyl cyclohexane	1100		ug/kg	190	28.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-01
Client ID: TB-DOC38-061824-0810
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/24/24 11:53
Analyst: RAW
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	2.4		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-01 Date Collected: 06/18/24 08:10

Client ID: TB-DOC38-061824-0810 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	38.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	120		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	102		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-01 R
Client ID: TB-DOC38-061824-0810
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/25/24 08:32
Analyst: AJK
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.21	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.18	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	1.5		ug/kg	1.0	0.57	1
Ethylbenzene	0.24	J	ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	0.85		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-01 R
Client ID: TB-DOC38-061824-0810
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	2.7		ug/kg	2.1	0.59	1
o-Xylene	1.3		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	0.30	J	ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
Methyl Acetate	ND		ug/kg	4.2	1.0	1
Cyclohexane	ND		ug/kg	10	0.57	1
1,4-Dioxane	ND		ug/kg	84	37.	1
Freon-113	ND		ug/kg	4.2	0.73	1
Methyl cyclohexane	ND		ug/kg	4.2	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	120		70-130
4-Bromofluorobenzene	129		70-130
Dibromofluoromethane	97		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-02
Client ID: TB-DOC39-061824-0820
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:20
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/21/24 16:50
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	430	200	1
1,1-Dichloroethane	ND		ug/kg	87	12.	1
Chloroform	26	J	ug/kg	130	12.	1
Carbon tetrachloride	ND		ug/kg	87	20.	1
1,2-Dichloropropane	ND		ug/kg	87	11.	1
Dibromochloromethane	ND		ug/kg	87	12.	1
1,1,2-Trichloroethane	ND		ug/kg	87	23.	1
Tetrachloroethene	46		ug/kg	43	17.	1
Chlorobenzene	ND		ug/kg	43	11.	1
Trichlorofluoromethane	ND		ug/kg	350	60.	1
1,2-Dichloroethane	ND		ug/kg	87	22.	1
1,1,1-Trichloroethane	ND		ug/kg	43	14.	1
Bromodichloromethane	ND		ug/kg	43	9.5	1
trans-1,3-Dichloropropene	ND		ug/kg	87	24.	1
cis-1,3-Dichloropropene	ND		ug/kg	43	14.	1
Bromoform	ND		ug/kg	350	21.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	43	14.	1
Benzene	190		ug/kg	43	14.	1
Toluene	810		ug/kg	87	47.	1
Ethylbenzene	150		ug/kg	87	12.	1
Chloromethane	ND		ug/kg	350	81.	1
Bromomethane	ND		ug/kg	170	50.	1
Vinyl chloride	ND		ug/kg	87	29.	1
Chloroethane	ND		ug/kg	170	39.	1
1,1-Dichloroethene	ND		ug/kg	87	21.	1
trans-1,2-Dichloroethene	ND		ug/kg	130	12.	1
Trichloroethene	560		ug/kg	43	12.	1
1,2-Dichlorobenzene	ND		ug/kg	170	12.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-02 Date Collected: 06/18/24 08:20

Client ID: TB-DOC39-061824-0820 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	170	13.	1
1,4-Dichlorobenzene	ND		ug/kg	170	15.	1
Methyl tert butyl ether	ND		ug/kg	170	17.	1
p/m-Xylene	730		ug/kg	170	49.	1
o-Xylene	550		ug/kg	87	25.	1
cis-1,2-Dichloroethene	ND		ug/kg	87	15.	1
Styrene	56	J	ug/kg	87	17.	1
Dichlorodifluoromethane	ND		ug/kg	870	80.	1
Acetone	ND		ug/kg	870	420	1
Carbon disulfide	ND		ug/kg	870	400	1
2-Butanone	ND		ug/kg	870	190	1
4-Methyl-2-pentanone	ND		ug/kg	870	110	1
2-Hexanone	ND		ug/kg	870	100	1
Bromochloromethane	ND		ug/kg	170	18.	1
1,2-Dibromoethane	ND		ug/kg	87	24.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	260	87.	1
Isopropylbenzene	120		ug/kg	87	9.5	1
1,2,3-Trichlorobenzene	ND		ug/kg	170	28.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	24.	1
Methyl Acetate	510		ug/kg	350	82.	1
Cyclohexane	500	J	ug/kg	870	47.	1
1,4-Dioxane	ND		ug/kg	7000	3000	1
Freon-113	ND		ug/kg	350	60.	1
Methyl cyclohexane	1500		ug/kg	350	52.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-02
Client ID: TB-DOC39-061824-0820
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:20
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/24/24 12:13
Analyst: RAW
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	2.1		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-02 Date Collected: 06/18/24 08:20

Client ID: TB-DOC39-061824-0820 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Cyclohexane	ND		ug/kg	12	0.66	1
1,4-Dioxane	ND		ug/kg	98	43.	1
Freon-113	ND		ug/kg	4.9	0.84	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	123		70-130
4-Bromofluorobenzene	128		70-130
Dibromofluoromethane	101		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-02 R
Client ID: TB-DOC39-061824-0820
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:20
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/25/24 08:53
Analyst: AJK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.63	0.24	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	1.9		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-02 R
Client ID: TB-DOC39-061824-0820
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:20
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	100	44.	1
Freon-113	ND		ug/kg	5.0	0.87	1
Methyl cyclohexane	ND		ug/kg	5.0	0.76	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	121		70-130
4-Bromofluorobenzene	129		70-130
Dibromofluoromethane	102		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-03
Client ID: TB-DOC40-061824-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:50
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/21/24 17:16
Analyst: JIC
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	260	120	1
1,1-Dichloroethane	ND		ug/kg	52	7.6	1
Chloroform	ND		ug/kg	78	7.3	1
Carbon tetrachloride	ND		ug/kg	52	12.	1
1,2-Dichloropropane	ND		ug/kg	52	6.5	1
Dibromochloromethane	ND		ug/kg	52	7.3	1
1,1,2-Trichloroethane	ND		ug/kg	52	14.	1
Tetrachloroethene	ND		ug/kg	26	10.	1
Chlorobenzene	ND		ug/kg	26	6.6	1
Trichlorofluoromethane	ND		ug/kg	210	36.	1
1,2-Dichloroethane	ND		ug/kg	52	13.	1
1,1,1-Trichloroethane	ND		ug/kg	26	8.7	1
Bromodichloromethane	ND		ug/kg	26	5.7	1
trans-1,3-Dichloropropene	ND		ug/kg	52	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	26	8.2	1
Bromoform	ND		ug/kg	210	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	26	8.7	1
Benzene	81		ug/kg	26	8.7	1
Toluene	460		ug/kg	52	28.	1
Ethylbenzene	70		ug/kg	52	7.4	1
Chloromethane	ND		ug/kg	210	49.	1
Bromomethane	ND		ug/kg	100	30.	1
Vinyl chloride	ND		ug/kg	52	18.	1
Chloroethane	ND		ug/kg	100	24.	1
1,1-Dichloroethene	ND		ug/kg	52	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	78	7.2	1
Trichloroethene	230		ug/kg	26	7.2	1
1,2-Dichlorobenzene	ND		ug/kg	100	7.5	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-03 Date Collected: 06/18/24 08:50

Client ID: TB-DOC40-061824-0850 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	100	7.7	1
1,4-Dichlorobenzene	ND		ug/kg	100	8.9	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	340		ug/kg	100	29.	1
o-Xylene	250		ug/kg	52	15.	1
cis-1,2-Dichloroethene	ND		ug/kg	52	9.1	1
Styrene	47	J	ug/kg	52	10.	1
Dichlorodifluoromethane	ND		ug/kg	520	48.	1
Acetone	ND		ug/kg	520	250	1
Carbon disulfide	ND		ug/kg	520	240	1
2-Butanone	ND		ug/kg	520	120	1
4-Methyl-2-pentanone	ND		ug/kg	520	67.	1
2-Hexanone	ND		ug/kg	520	62.	1
Bromochloromethane	ND		ug/kg	100	11.	1
1,2-Dibromoethane	ND		ug/kg	52	14.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	160	52.	1
Isopropylbenzene	55		ug/kg	52	5.7	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1
Methyl Acetate	160	J	ug/kg	210	50.	1
Cyclohexane	210	J	ug/kg	520	28.	1
1,4-Dioxane	ND		ug/kg	4200	1800	1
Freon-113	ND		ug/kg	210	36.	1
Methyl cyclohexane	630		ug/kg	210	32.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-03
Client ID: TB-DOC40-061824-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:50
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/24/24 12:34
Analyst: RAW
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	0.97		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-03 Date Collected: 06/18/24 08:50

Client ID: TB-DOC40-061824-0850 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.97	1
Acetone	ND		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.4	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
Methyl Acetate	ND		ug/kg	4.2	1.0	1
Cyclohexane	ND		ug/kg	10	0.58	1
1,4-Dioxane	ND		ug/kg	84	37.	1
Freon-113	ND		ug/kg	4.2	0.73	1
Methyl cyclohexane	ND		ug/kg	4.2	0.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	130		70-130
Dibromofluoromethane	101		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-03 R
Client ID: TB-DOC40-061824-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:50
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/25/24 09:14
Analyst: AJK
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.95	0.51	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	0.80		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-03 R
Client ID: TB-DOC40-061824-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:50
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.16	1
Styrene	ND		ug/kg	0.95	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	ND		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.8	0.90	1
Cyclohexane	ND		ug/kg	9.5	0.52	1
1,4-Dioxane	ND		ug/kg	76	33.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	ND		ug/kg	3.8	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	105		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-04
Client ID: TB-DOC41-061824-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 09:00
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/21/24 17:42
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	370	170	1
1,1-Dichloroethane	ND		ug/kg	74	11.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	74	17.	1
1,2-Dichloropropane	ND		ug/kg	74	9.3	1
Dibromochloromethane	ND		ug/kg	74	10.	1
1,1,2-Trichloroethane	ND		ug/kg	74	20.	1
Tetrachloroethene	78		ug/kg	37	14.	1
Chlorobenzene	ND		ug/kg	37	9.4	1
Trichlorofluoromethane	ND		ug/kg	300	52.	1
1,2-Dichloroethane	ND		ug/kg	74	19.	1
1,1,1-Trichloroethane	ND		ug/kg	37	12.	1
Bromodichloromethane	ND		ug/kg	37	8.1	1
trans-1,3-Dichloropropene	ND		ug/kg	74	20.	1
cis-1,3-Dichloropropene	ND		ug/kg	37	12.	1
Bromoform	ND		ug/kg	300	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	37	12.	1
Benzene	110		ug/kg	37	12.	1
Toluene	630		ug/kg	74	40.	1
Ethylbenzene	120		ug/kg	74	10.	1
Chloromethane	ND		ug/kg	300	69.	1
Bromomethane	ND		ug/kg	150	43.	1
Vinyl chloride	ND		ug/kg	74	25.	1
Chloroethane	ND		ug/kg	150	34.	1
1,1-Dichloroethene	ND		ug/kg	74	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	10.	1
Trichloroethene	13000		ug/kg	37	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	11.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-04 Date Collected: 06/18/24 09:00

Client ID: TB-DOC41-061824-0900 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	150	11.	1
1,4-Dichlorobenzene	ND		ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	580		ug/kg	150	42.	1
o-Xylene	460		ug/kg	74	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	74	13.	1
Styrene	63	J	ug/kg	74	14.	1
Dichlorodifluoromethane	ND		ug/kg	740	68.	1
Acetone	ND		ug/kg	740	360	1
Carbon disulfide	ND		ug/kg	740	340	1
2-Butanone	ND		ug/kg	740	160	1
4-Methyl-2-pentanone	ND		ug/kg	740	95.	1
2-Hexanone	ND		ug/kg	740	88.	1
Bromochloromethane	ND		ug/kg	150	15.	1
1,2-Dibromoethane	ND		ug/kg	74	21.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	220	74.	1
Isopropylbenzene	110		ug/kg	74	8.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	20.	1
Methyl Acetate	380		ug/kg	300	71.	1
Cyclohexane	520	J	ug/kg	740	40.	1
1,4-Dioxane	ND		ug/kg	6000	2600	1
Freon-113	ND		ug/kg	300	52.	1
Methyl cyclohexane	1800		ug/kg	300	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-05
Client ID: TB-DOC42-061824-0920
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 09:20
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/24/24 15:34
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.73	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.4	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1
Trichloroethene	3.4		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-05 Date Collected: 06/18/24 09:20

Client ID: TB-DOC42-061824-0920 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
Methyl Acetate	ND		ug/kg	5.4	1.3	1
Cyclohexane	ND		ug/kg	13	0.73	1
1,4-Dioxane	ND		ug/kg	110	47.	1
Freon-113	ND		ug/kg	5.4	0.93	1
Methyl cyclohexane	ND		ug/kg	5.4	0.81	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-06
Client ID: TB-DOC43-061824-0930
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 09:30
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/24/24 12:55
Analyst: RAW
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	520	240	1
1,1-Dichloroethane	ND		ug/kg	100	15.	1
Chloroform	17	J	ug/kg	150	14.	1
Carbon tetrachloride	ND		ug/kg	100	24.	1
1,2-Dichloropropane	ND		ug/kg	100	13.	1
Dibromochloromethane	ND		ug/kg	100	14.	1
1,1,2-Trichloroethane	ND		ug/kg	100	28.	1
Tetrachloroethene	550		ug/kg	52	20.	1
Chlorobenzene	ND		ug/kg	52	13.	1
Trichlorofluoromethane	ND		ug/kg	410	72.	1
1,2-Dichloroethane	ND		ug/kg	100	26.	1
1,1,1-Trichloroethane	ND		ug/kg	52	17.	1
Bromodichloromethane	ND		ug/kg	52	11.	1
trans-1,3-Dichloropropene	ND		ug/kg	100	28.	1
cis-1,3-Dichloropropene	ND		ug/kg	52	16.	1
Bromoform	ND		ug/kg	410	25.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	52	17.	1
Benzene	150		ug/kg	52	17.	1
Toluene	590		ug/kg	100	56.	1
Ethylbenzene	120		ug/kg	100	14.	1
Chloromethane	ND		ug/kg	410	96.	1
Bromomethane	ND		ug/kg	210	60.	1
Vinyl chloride	ND		ug/kg	100	34.	1
Chloroethane	ND		ug/kg	210	47.	1
1,1-Dichloroethene	ND		ug/kg	100	24.	1
trans-1,2-Dichloroethene	ND		ug/kg	150	14.	1
Trichloroethene	89000	E	ug/kg	52	14.	1
1,2-Dichlorobenzene	ND		ug/kg	210	15.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-06 Date Collected: 06/18/24 09:30

Client ID: TB-DOC43-061824-0930 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	210	15.	1
1,4-Dichlorobenzene	ND		ug/kg	210	18.	1
Methyl tert butyl ether	ND		ug/kg	210	21.	1
p/m-Xylene	510		ug/kg	210	58.	1
o-Xylene	420		ug/kg	100	30.	1
cis-1,2-Dichloroethene	ND		ug/kg	100	18.	1
Styrene	ND		ug/kg	100	20.	1
Dichlorodifluoromethane	ND		ug/kg	1000	94.	1
Acetone	ND		ug/kg	1000	500	1
Carbon disulfide	ND		ug/kg	1000	470	1
2-Butanone	390	J	ug/kg	1000	230	1
4-Methyl-2-pentanone	ND		ug/kg	1000	130	1
2-Hexanone	ND		ug/kg	1000	120	1
Bromochloromethane	ND		ug/kg	210	21.	1
1,2-Dibromoethane	ND		ug/kg	100	29.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	310	100	1
Isopropylbenzene	77	J	ug/kg	100	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	210	33.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	28.	1
Methyl Acetate	820		ug/kg	410	98.	1
Cyclohexane	530	J	ug/kg	1000	56.	1
1,4-Dioxane	ND		ug/kg	8200	3600	1
Freon-113	ND		ug/kg	410	72.	1
Methyl cyclohexane	2300		ug/kg	410	62.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-06 D
Client ID: TB-DOC43-061824-0930
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 09:30
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/21/24 18:08
Analyst: JIC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	96000		ug/kg	520	140	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-07
Client ID: TB-DOC44-061824-1000
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 10:00
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/21/24 18:34
Analyst: JIC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	330	150	1
1,1-Dichloroethane	ND		ug/kg	66	9.6	1
Chloroform	ND		ug/kg	100	9.3	1
Carbon tetrachloride	ND		ug/kg	66	15.	1
1,2-Dichloropropane	ND		ug/kg	66	8.3	1
Dibromochloromethane	ND		ug/kg	66	9.3	1
1,1,2-Trichloroethane	ND		ug/kg	66	18.	1
Tetrachloroethene	88		ug/kg	33	13.	1
Chlorobenzene	ND		ug/kg	33	8.4	1
Trichlorofluoromethane	ND		ug/kg	270	46.	1
1,2-Dichloroethane	ND		ug/kg	66	17.	1
1,1,1-Trichloroethane	ND		ug/kg	33	11.	1
Bromodichloromethane	ND		ug/kg	33	7.2	1
trans-1,3-Dichloropropene	ND		ug/kg	66	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	33	10.	1
Bromoform	ND		ug/kg	270	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	33	11.	1
Benzene	150		ug/kg	33	11.	1
Toluene	710		ug/kg	66	36.	1
Ethylbenzene	130		ug/kg	66	9.4	1
Chloromethane	ND		ug/kg	270	62.	1
Bromomethane	ND		ug/kg	130	39.	1
Vinyl chloride	ND		ug/kg	66	22.	1
Chloroethane	ND		ug/kg	130	30.	1
1,1-Dichloroethene	ND		ug/kg	66	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	9.1	1
Trichloroethene	3200		ug/kg	33	9.1	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.6	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-07 Date Collected: 06/18/24 10:00

Client ID: TB-DOC44-061824-1000 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	130	9.8	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	610		ug/kg	130	37.	1
o-Xylene	470		ug/kg	66	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	66	12.	1
Styrene	55	J	ug/kg	66	13.	1
Dichlorodifluoromethane	ND		ug/kg	660	61.	1
Acetone	350	J	ug/kg	660	320	1
Carbon disulfide	ND		ug/kg	660	300	1
2-Butanone	ND		ug/kg	660	150	1
4-Methyl-2-pentanone	ND		ug/kg	660	85.	1
2-Hexanone	ND		ug/kg	660	78.	1
Bromochloromethane	ND		ug/kg	130	14.	1
1,2-Dibromoethane	ND		ug/kg	66	18.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	200	66.	1
Isopropylbenzene	110		ug/kg	66	7.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	18.	1
Methyl Acetate	320		ug/kg	270	63.	1
Cyclohexane	440	J	ug/kg	660	36.	1
1,4-Dioxane	ND		ug/kg	5300	2300	1
Freon-113	ND		ug/kg	270	46.	1
Methyl cyclohexane	1400		ug/kg	270	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-08
Client ID: TB-DOC45-061824-1010
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 10:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/25/24 09:35
Analyst: AJK
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	2.5		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-08 Date Collected: 06/18/24 10:10

Client ID: TB-DOC45-061824-1010 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	5.5	J	ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.3	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	87	38.	1
Freon-113	ND		ug/kg	4.3	0.75	1
Methyl cyclohexane	ND		ug/kg	4.3	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	104		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-09
Client ID: TB-DOC46-061824-1030
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 10:30
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/24/24 11:11
Analyst: RAW
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	0.18	J	ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-09 Date Collected: 06/18/24 10:30

Client ID: TB-DOC46-061824-1030 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	92	41.	1
Freon-113	ND		ug/kg	4.6	0.80	1
Methyl cyclohexane	ND		ug/kg	4.6	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	101		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 08:45
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1938509-5					
Methylene chloride	160	J	ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 08:45
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1938509-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 08:45
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06 Batch: WG1938509-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/21/24 10:43
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-04,06-07 Batch: WG1938598-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/21/24 10:43
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-04,06-07 Batch: WG1938598-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/21/24 10:43
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-04,06-07 Batch: WG1938598-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 11:41
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1938992-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 11:41
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1938992-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 11:41
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1938992-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	101		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 08:45
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,09 Batch: WG1938999-5					
Methylene chloride	3.3	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 08:45
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,09 Batch: WG1938999-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 08:45
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,09 Batch: WG1938999-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/25/24 08:09
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,08 Batch: WG1939024-5					
Methylene chloride	2.9	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/25/24 08:09
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,08 Batch: WG1939024-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/25/24 08:09
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03,08 Batch: WG1939024-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2434436

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1938509-3 WG1938509-4								
Methylene chloride	84		84		70-130	0		30
1,1-Dichloroethane	88		89		70-130	1		30
Chloroform	87		89		70-130	2		30
Carbon tetrachloride	82		85		70-130	4		30
1,2-Dichloropropane	94		97		70-130	3		30
Dibromochloromethane	83		82		70-130	1		30
1,1,2-Trichloroethane	91		91		70-130	0		30
Tetrachloroethene	90		93		70-130	3		30
Chlorobenzene	89		91		70-130	2		30
Trichlorofluoromethane	93		95		70-139	2		30
1,2-Dichloroethane	91		93		70-130	2		30
1,1,1-Trichloroethane	86		88		70-130	2		30
Bromodichloromethane	83		84		70-130	1		30
trans-1,3-Dichloropropene	91		90		70-130	1		30
cis-1,3-Dichloropropene	88		91		70-130	3		30
Bromoform	76		80		70-130	5		30
1,1,2,2-Tetrachloroethane	88		90		70-130	2		30
Benzene	90		93		70-130	3		30
Toluene	89		91		70-130	2		30
Ethylbenzene	89		92		70-130	3		30
Chloromethane	118		122		52-130	3		30
Bromomethane	103		102		57-147	1		30
Vinyl chloride	100		101		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1938509-3 WG1938509-4								
Chloroethane	95		96		50-151	1		30
1,1-Dichloroethene	84		87		65-135	4		30
trans-1,2-Dichloroethene	86		89		70-130	3		30
Trichloroethene	86		89		70-130	3		30
1,2-Dichlorobenzene	87		90		70-130	3		30
1,3-Dichlorobenzene	87		93		70-130	7		30
1,4-Dichlorobenzene	86		91		70-130	6		30
Methyl tert butyl ether	88		87		66-130	1		30
p/m-Xylene	90		94		70-130	4		30
o-Xylene	89		90		70-130	1		30
cis-1,2-Dichloroethene	82		84		70-130	2		30
Styrene	88		89		70-130	1		30
Dichlorodifluoromethane	104		106		30-146	2		30
Acetone	103		102		54-140	1		30
Carbon disulfide	93		95		59-130	2		30
2-Butanone	102		102		70-130	0		30
4-Methyl-2-pentanone	95		92		70-130	3		30
2-Hexanone	94		92		70-130	2		30
Bromochloromethane	88		88		70-130	0		30
1,2-Dibromoethane	90		89		70-130	1		30
1,2-Dibromo-3-chloropropane	80		82		68-130	2		30
Isopropylbenzene	88		95		70-130	8		30
1,2,3-Trichlorobenzene	86		89		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06 Batch: WG1938509-3 WG1938509-4								
1,2,4-Trichlorobenzene	86		90		70-130	5		30
Methyl Acetate	112		107		51-146	5		30
Cyclohexane	100		106		59-142	6		30
1,4-Dioxane	100		100		65-136	0		30
Freon-113	91		95		50-139	4		30
Methyl cyclohexane	87		92		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		105		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG1938598-3 WG1938598-4								
Methylene chloride	103		94		70-130	9		30
1,1-Dichloroethane	99		92		70-130	7		30
Chloroform	106		98		70-130	8		30
Carbon tetrachloride	115		106		70-130	8		30
1,2-Dichloropropane	100		93		70-130	7		30
Dibromochloromethane	118		110		70-130	7		30
1,1,2-Trichloroethane	100		92		70-130	8		30
Tetrachloroethene	101		93		70-130	8		30
Chlorobenzene	108		100		70-130	8		30
Trichlorofluoromethane	114		104		70-139	9		30
1,2-Dichloroethane	97		90		70-130	7		30
1,1,1-Trichloroethane	115		106		70-130	8		30
Bromodichloromethane	108		100		70-130	8		30
trans-1,3-Dichloropropene	99		91		70-130	8		30
cis-1,3-Dichloropropene	95		88		70-130	8		30
Bromoform	107		97		70-130	10		30
1,1,2,2-Tetrachloroethane	98		89		70-130	10		30
Benzene	104		96		70-130	8		30
Toluene	104		97		70-130	7		30
Ethylbenzene	106		100		70-130	6		30
Chloromethane	99		93		52-130	6		30
Bromomethane	80		73		57-147	9		30
Vinyl chloride	92		85		67-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG1938598-3 WG1938598-4								
Chloroethane	90		83		50-151	8		30
1,1-Dichloroethene	102		93		65-135	9		30
trans-1,2-Dichloroethene	108		100		70-130	8		30
Trichloroethene	111		104		70-130	7		30
1,2-Dichlorobenzene	103		96		70-130	7		30
1,3-Dichlorobenzene	104		97		70-130	7		30
1,4-Dichlorobenzene	104		96		70-130	8		30
Methyl tert butyl ether	104		96		66-130	8		30
p/m-Xylene	102		95		70-130	7		30
o-Xylene	99		94		70-130	5		30
cis-1,2-Dichloroethene	108		99		70-130	9		30
Styrene	101		95		70-130	6		30
Dichlorodifluoromethane	104		97		30-146	7		30
Acetone	129		104		54-140	21		30
Carbon disulfide	102		93		59-130	9		30
2-Butanone	121		108		70-130	11		30
4-Methyl-2-pentanone	102		90		70-130	13		30
2-Hexanone	120		106		70-130	12		30
Bromochloromethane	122		110		70-130	10		30
1,2-Dibromoethane	113		104		70-130	8		30
1,2-Dibromo-3-chloropropane	107		98		68-130	9		30
Isopropylbenzene	100		92		70-130	8		30
1,2,3-Trichlorobenzene	102		96		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG1938598-3 WG1938598-4								
1,2,4-Trichlorobenzene	106		100		70-130	6		30
Methyl Acetate	114		104		51-146	9		30
Cyclohexane	111		104		59-142	7		30
1,4-Dioxane	99		91		65-136	8		30
Freon-113	118		107		50-139	10		30
Methyl cyclohexane	108		101		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		87		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	94		97		70-130
Dibromofluoromethane	106		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2434436

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1938992-3 WG1938992-4								
Methylene chloride	90		88		70-130	2		30
1,1-Dichloroethane	82		80		70-130	2		30
Chloroform	83		81		70-130	2		30
Carbon tetrachloride	78		79		70-130	1		30
1,2-Dichloropropane	83		81		70-130	2		30
Dibromochloromethane	89		87		70-130	2		30
1,1,2-Trichloroethane	88		84		70-130	5		30
Tetrachloroethene	88		87		70-130	1		30
Chlorobenzene	86		83		70-130	4		30
Trichlorofluoromethane	88		87		70-139	1		30
1,2-Dichloroethane	85		82		70-130	4		30
1,1,1-Trichloroethane	83		82		70-130	1		30
Bromodichloromethane	83		82		70-130	1		30
trans-1,3-Dichloropropene	87		83		70-130	5		30
cis-1,3-Dichloropropene	84		83		70-130	1		30
Bromoform	90		87		70-130	3		30
1,1,2,2-Tetrachloroethane	89		85		70-130	5		30
Benzene	82		81		70-130	1		30
Toluene	86		85		70-130	1		30
Ethylbenzene	82		80		70-130	2		30
Chloromethane	86		83		52-130	4		30
Bromomethane	107		102		57-147	5		30
Vinyl chloride	85		84		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1938992-3 WG1938992-4								
Chloroethane	88		86		50-151	2		30
1,1-Dichloroethene	82		82		65-135	0		30
trans-1,2-Dichloroethene	82		82		70-130	0		30
Trichloroethene	82		83		70-130	1		30
1,2-Dichlorobenzene	89		84		70-130	6		30
1,3-Dichlorobenzene	89		84		70-130	6		30
1,4-Dichlorobenzene	86		83		70-130	4		30
Methyl tert butyl ether	83		81		66-130	2		30
p/m-Xylene	84		82		70-130	2		30
o-Xylene	84		83		70-130	1		30
cis-1,2-Dichloroethene	82		80		70-130	2		30
Styrene	90		87		70-130	3		30
Dichlorodifluoromethane	84		84		30-146	0		30
Acetone	86		82		54-140	5		30
Carbon disulfide	78		78		59-130	0		30
2-Butanone	81		80		70-130	1		30
4-Methyl-2-pentanone	87		86		70-130	1		30
2-Hexanone	88		85		70-130	3		30
Bromochloromethane	87		84		70-130	4		30
1,2-Dibromoethane	91		88		70-130	3		30
1,2-Dibromo-3-chloropropane	88		88		68-130	0		30
Isopropylbenzene	83		80		70-130	4		30
1,2,3-Trichlorobenzene	90		86		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1938992-3 WG1938992-4								
1,2,4-Trichlorobenzene	91		86		70-130	6		30
Methyl Acetate	87		83		51-146	5		30
Cyclohexane	80		80		59-142	0		30
1,4-Dioxane	89		89		65-136	0		30
Freon-113	85		84		50-139	1		30
Methyl cyclohexane	79		79		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		99		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2434436

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,09 Batch: WG1938999-3 WG1938999-4								
Methylene chloride	84		84		70-130	0		30
1,1-Dichloroethane	88		89		70-130	1		30
Chloroform	87		89		70-130	2		30
Carbon tetrachloride	82		85		70-130	4		30
1,2-Dichloropropane	94		97		70-130	3		30
Dibromochloromethane	83		82		70-130	1		30
1,1,2-Trichloroethane	91		91		70-130	0		30
Tetrachloroethene	90		93		70-130	3		30
Chlorobenzene	89		91		70-130	2		30
Trichlorofluoromethane	93		95		70-139	2		30
1,2-Dichloroethane	91		93		70-130	2		30
1,1,1-Trichloroethane	86		88		70-130	2		30
Bromodichloromethane	83		84		70-130	1		30
trans-1,3-Dichloropropene	91		90		70-130	1		30
cis-1,3-Dichloropropene	88		91		70-130	3		30
Bromoform	76		80		70-130	5		30
1,1,2,2-Tetrachloroethane	88		90		70-130	2		30
Benzene	90		93		70-130	3		30
Toluene	89		91		70-130	2		30
Ethylbenzene	89		92		70-130	3		30
Chloromethane	118		122		52-130	3		30
Bromomethane	103		102		57-147	1		30
Vinyl chloride	100		101		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,09 Batch: WG1938999-3 WG1938999-4								
Chloroethane	95		96		50-151	1		30
1,1-Dichloroethene	84		87		65-135	4		30
trans-1,2-Dichloroethene	86		89		70-130	3		30
Trichloroethene	86		89		70-130	3		30
1,2-Dichlorobenzene	87		90		70-130	3		30
1,3-Dichlorobenzene	87		93		70-130	7		30
1,4-Dichlorobenzene	86		91		70-130	6		30
Methyl tert butyl ether	88		87		66-130	1		30
p/m-Xylene	90		94		70-130	4		30
o-Xylene	89		90		70-130	1		30
cis-1,2-Dichloroethene	82		84		70-130	2		30
Styrene	88		89		70-130	1		30
Dichlorodifluoromethane	104		106		30-146	2		30
Acetone	103		102		54-140	1		30
Carbon disulfide	93		95		59-130	2		30
2-Butanone	102		102		70-130	0		30
4-Methyl-2-pentanone	95		92		70-130	3		30
2-Hexanone	94		92		70-130	2		30
Bromochloromethane	88		88		70-130	0		30
1,2-Dibromoethane	90		89		70-130	1		30
1,2-Dibromo-3-chloropropane	80		82		68-130	2		30
Isopropylbenzene	88		95		70-130	8		30
1,2,3-Trichlorobenzene	86		89		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,09 Batch: WG1938999-3 WG1938999-4								
1,2,4-Trichlorobenzene	86		90		70-130	5		30
Methyl Acetate	112		107		51-146	5		30
Cyclohexane	100		106		59-142	6		30
1,4-Dioxane	100		100		65-136	0		30
Freon-113	91		95		50-139	4		30
Methyl cyclohexane	87		92		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		105		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2434436

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,08 Batch: WG1939024-3 WG1939024-4								
Methylene chloride	90		92		70-130	2		30
1,1-Dichloroethane	100		100		70-130	0		30
Chloroform	96		98		70-130	2		30
Carbon tetrachloride	93		92		70-130	1		30
1,2-Dichloropropane	102		104		70-130	2		30
Dibromochloromethane	82		84		70-130	2		30
1,1,2-Trichloroethane	91		94		70-130	3		30
Tetrachloroethene	96		95		70-130	1		30
Chlorobenzene	93		94		70-130	1		30
Trichlorofluoromethane	110		106		70-139	4		30
1,2-Dichloroethane	98		102		70-130	4		30
1,1,1-Trichloroethane	97		97		70-130	0		30
Bromodichloromethane	88		90		70-130	2		30
trans-1,3-Dichloropropene	90		92		70-130	2		30
cis-1,3-Dichloropropene	93		96		70-130	3		30
Bromoform	73		79		70-130	8		30
1,1,2,2-Tetrachloroethane	87		93		70-130	7		30
Benzene	99		98		70-130	1		30
Toluene	97		97		70-130	0		30
Ethylbenzene	98		98		70-130	0		30
Chloromethane	**148**	Q	**142**	Q	52-130	4		30
Bromomethane	124		119		57-147	4		30
Vinyl chloride	98		115		67-130	16		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2434436

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,08 Batch: WG1939024-3 WG1939024-4								
Chloroethane	116		113		50-151	3		30
1,1-Dichloroethene	99		94		65-135	5		30
trans-1,2-Dichloroethene	95		96		70-130	1		30
Trichloroethene	96		98		70-130	2		30
1,2-Dichlorobenzene	91		95		70-130	4		30
1,3-Dichlorobenzene	93		96		70-130	3		30
1,4-Dichlorobenzene	92		94		70-130	2		30
Methyl tert butyl ether	88		92		66-130	4		30
p/m-Xylene	98		97		70-130	1		30
o-Xylene	94		94		70-130	0		30
cis-1,2-Dichloroethene	86		86		70-130	0		30
Styrene	91		92		70-130	1		30
Dichlorodifluoromethane	122		118		30-146	3		30
Acetone	104		118		54-140	13		30
Carbon disulfide	109		106		59-130	3		30
2-Butanone	102		113		70-130	10		30
4-Methyl-2-pentanone	87		93		70-130	7		30
2-Hexanone	87		96		70-130	10		30
Bromochloromethane	87		91		70-130	4		30
1,2-Dibromoethane	86		92		70-130	7		30
1,2-Dibromo-3-chloropropane	71		79		68-130	11		30
Isopropylbenzene	100		99		70-130	1		30
1,2,3-Trichlorobenzene	88		90		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03,08 Batch: WG1939024-3 WG1939024-4								
1,2,4-Trichlorobenzene	89		92		70-130	3		30
Methyl Acetate	117		122		51-146	4		30
Cyclohexane	115		115		59-142	0		30
1,4-Dioxane	93		100		65-136	7		30
Freon-113	107		104		50-139	3		30
Methyl cyclohexane	98		98		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		109		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	100		101		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1938992-6 WG1938992-7 QC Sample: L2434436-05 Client ID: TB-DOC42-061824-0920												
Methylene chloride	ND	133	47	**36**	Q	52	**41**	Q	70-130	9		30
1,1-Dichloroethane	ND	133	78	**59**	Q	81	**64**	Q	70-130	3		30
Chloroform	ND	133	58	**44**	Q	63	**49**	Q	70-130	7		30
Carbon tetrachloride	ND	133	110	80		110	84		70-130	1		30
1,2-Dichloropropane	ND	133	53	**40**	Q	57	**45**	Q	70-130	8		30
Dibromochloromethane	ND	133	26	**20**	Q	31	**24**	Q	70-130	16		30
1,1,2-Trichloroethane	ND	133	32	**24**	Q	37	**30**	Q	70-130	14		30
Tetrachloroethene	ND	133	72	**54**	Q	76	**60**	Q	70-130	5		30
Chlorobenzene	ND	133	22	**16**	Q	27	**21**	Q	70-130	21		30
Trichlorofluoromethane	ND	133	140	107		140	110		70-139	3		30
1,2-Dichloroethane	ND	133	28	**21**	Q	32	**25**	Q	70-130	14		30
1,1,1-Trichloroethane	ND	133	110	80		110	84		70-130	1		30
Bromodichloromethane	ND	133	37	**27**	Q	42	**33**	Q	70-130	13		30
trans-1,3-Dichloropropene	ND	133	7.9	**6**	Q	11	**8**	Q	70-130	30		30
cis-1,3-Dichloropropene	ND	133	15	**11**	Q	19	**15**	Q	70-130	25		30
Bromoform	ND	133	24	**18**	Q	28	**22**	Q	70-130	15		30
1,1,2,2-Tetrachloroethane	ND	133	32	**24**	Q	35	**28**	Q	70-130	9		30
Benzene	ND	133	62	**46**	Q	66	**52**	Q	70-130	6		30
Toluene	ND	133	53	**40**	Q	58	**46**	Q	70-130	9		30
Ethylbenzene	ND	133	44	**33**	Q	47	**37**	Q	70-130	8		30
Chloromethane	ND	133	100	78		110	83		52-130	1		30
Bromomethane	ND	133	94	71		98	78		57-147	4		30
Vinyl chloride	ND	133	120	90		120	94		67-130	1		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1938992-6 WG1938992-7 QC Sample: L2434436-05 Client ID: TB-DOC42-061824-0920												
Chloroethane	ND	133	100	75		100	80		50-151	1		30
1,1-Dichloroethene	ND	133	110	79		110	84		65-135	1		30
trans-1,2-Dichloroethene	ND	133	51	**38**	Q	58	**46**	Q	70-130	12		30
Trichloroethene	3.4	133	52	**36**	Q	58	**43**	Q	70-130	11		30
1,2-Dichlorobenzene	ND	133	11	**8**	Q	13	**10**	Q	70-130	19		30
1,3-Dichlorobenzene	ND	133	12	**9**	Q	15	**12**	Q	70-130	25		30
1,4-Dichlorobenzene	ND	133	9.0	**7**	Q	12	**9**	Q	70-130	26		30
Methyl tert butyl ether	ND	133	86	**65**	Q	87	69		66-130	1		30
p/m-Xylene	ND	267	81	**30**	Q	90	**35**	Q	70-130	10		30
o-Xylene	ND	267	78	**29**	Q	86	**34**	Q	70-130	10		30
cis-1,2-Dichloroethene	ND	133	35	**26**	Q	41	**32**	Q	70-130	16		30
Styrene	ND	267	32	**12**	Q	41	**16**	Q	70-130	24		30
Dichlorodifluoromethane	ND	133	150	110		140	111		30-146	4		30
Acetone	ND	133	69	**51**	Q	69	55		54-140	1		30
Carbon disulfide	ND	133	61	**46**	Q	68	**54**	Q	59-130	10		30
2-Butanone	ND	133	55	**41**	Q	58	**46**	Q	70-130	6		30
4-Methyl-2-pentanone	ND	133	55	**41**	Q	57	**45**	Q	70-130	4		30
2-Hexanone	ND	133	24	**18**	Q	28	**22**	Q	70-130	15		30
Bromochloromethane	ND	133	28	**21**	Q	33	**26**	Q	70-130	16		30
1,2-Dibromoethane	ND	133	13	**10**	Q	17	**13**	Q	70-130	23		30
1,2-Dibromo-3-chloropropane	ND	133	17	**13**	Q	20	**16**	Q	68-130	18		30
Isopropylbenzene	ND	133	71	**53**	Q	69	**55**	Q	70-130	2		30
1,2,3-Trichlorobenzene	ND	133	3.6	**3**	Q	4.3	**3**	Q	70-130	16		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1938992-6 WG1938992-7 QC Sample: L2434436-05 Client ID: TB-DOC42-061824-0920												
1,2,4-Trichlorobenzene	ND	133	3.8	**3**	Q	4.5	**4**	Q	70-130	17		30
Methyl Acetate	ND	133	67	**50**	Q	72	57		51-146	7		30
Cyclohexane	ND	133	120	91		120	92		59-142	3		30
1,4-Dioxane	ND	6670	5500	82		5500	87		65-136	1		30
Freon-113	ND	133	140	106		140	107		50-139	4		30
Methyl cyclohexane	ND	133	120	88		110	90		70-130	3		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		96		70-130
4-Bromofluorobenzene	108		108		70-130
Dibromofluoromethane	100		98		70-130
Toluene-d8	105		103		70-130

SEMIVOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2434436
Project Number: 0200336-002
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-01
Client ID: TB-DOC38-061824-0810
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 23:08
Analyst: JG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	300		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	8200	E	ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	2200		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	84	J	ug/kg	170	59.	1
Butyl benzyl phthalate	120	J	ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	7800	E	ug/kg	100	19.	1
Benzo(a)pyrene	8200	E	ug/kg	140	41.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-01 Date Collected: 06/18/24 08:10

Client ID: TB-DOC38-061824-0810 Date Received: 06/18/24

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						
Benzo(b)fluoranthene	13000	E	ug/kg	100	28.	1
Benzo(k)fluoranthene	2200		ug/kg	100	27.	1
Chrysene	6600		ug/kg	100	18.	1
Acenaphthylene	2300		ug/kg	140	26.	1
Anthracene	2300		ug/kg	100	33.	1
Benzo(ghi)perylene	5300		ug/kg	140	20.	1
Fluorene	400		ug/kg	170	16.	1
Phenanthrene	2500		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	1200		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	5500		ug/kg	140	24.	1
Pyrene	8700	E	ug/kg	100	17.	1
Biphenyl	140	J	ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	510		ug/kg	170	16.	1
2-Methylnaphthalene	1400		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	67	J	ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	81	J	ug/kg	240	26.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Carbazole	330		ug/kg	170	16.	1
Atrazine	ND		ug/kg	140	59.	1
Benzaldehyde	ND		ug/kg	220	46.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-01 Date Collected: 06/18/24 08:10

Client ID: TB-DOC38-061824-0810 Date Received: 06/18/24

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						
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	76		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2434436
Project Number: 0200336-002
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-01 D
Client ID: TB-DOC38-061824-0810
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/25/24 15:10
Analyst: IM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	10000		ug/kg	510	97.	5
Benzo(a)anthracene	8000		ug/kg	510	95.	5
Benzo(a)pyrene	9000		ug/kg	680	210	5
Benzo(b)fluoranthene	13000		ug/kg	510	140	5
Pyrene	11000		ug/kg	510	84.	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-02 D
Client ID: TB-DOC39-061824-0820
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:20
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 18:57
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	230	J	ug/kg	1400	190	10
Hexachlorobenzene	ND		ug/kg	1100	200	10
Bis(2-chloroethyl)ether	ND		ug/kg	1600	240	10
2-Chloronaphthalene	ND		ug/kg	1800	180	10
3,3'-Dichlorobenzidine	ND		ug/kg	1800	480	10
2,4-Dinitrotoluene	ND		ug/kg	1800	360	10
2,6-Dinitrotoluene	ND		ug/kg	1800	310	10
Fluoranthene	9400		ug/kg	1100	210	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	190	10
4-Bromophenyl phenyl ether	ND		ug/kg	1800	270	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2200	310	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1900	180	10
Hexachlorobutadiene	ND		ug/kg	1800	260	10
Hexachlorocyclopentadiene	ND		ug/kg	5200	1600	10
Hexachloroethane	ND		ug/kg	1400	290	10
Isophorone	ND		ug/kg	1600	230	10
Naphthalene	940	J	ug/kg	1800	220	10
Nitrobenzene	ND		ug/kg	1600	270	10
NDPA/DPA	ND		ug/kg	1400	200	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	280	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1800	620	10
Butyl benzyl phthalate	1800		ug/kg	1800	450	10
Di-n-butylphthalate	ND		ug/kg	1800	340	10
Di-n-octylphthalate	ND		ug/kg	1800	610	10
Diethyl phthalate	ND		ug/kg	1800	170	10
Dimethyl phthalate	ND		ug/kg	1800	380	10
Benzo(a)anthracene	5400		ug/kg	1100	200	10
Benzo(a)pyrene	5400		ug/kg	1400	440	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-02 D
Client ID: TB-DOC39-061824-0820
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:20
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	8900		ug/kg	1100	300	10
Benzo(k)fluoranthene	2400		ug/kg	1100	290	10
Chrysene	5900		ug/kg	1100	190	10
Acenaphthylene	1700		ug/kg	1400	280	10
Anthracene	2600		ug/kg	1100	350	10
Benzo(ghi)perylene	3900		ug/kg	1400	210	10
Fluorene	360	J	ug/kg	1800	180	10
Phenanthrene	2300		ug/kg	1100	220	10
Dibenzo(a,h)anthracene	990	J	ug/kg	1100	210	10
Indeno(1,2,3-cd)pyrene	3800		ug/kg	1400	250	10
Pyrene	10000		ug/kg	1100	180	10
Biphenyl	ND		ug/kg	4100	230	10
4-Chloroaniline	ND		ug/kg	1800	330	10
2-Nitroaniline	ND		ug/kg	1800	350	10
3-Nitroaniline	ND		ug/kg	1800	340	10
4-Nitroaniline	ND		ug/kg	1800	740	10
Dibenzofuran	430	J	ug/kg	1800	170	10
2-Methylnaphthalene	1000	J	ug/kg	2200	220	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	190	10
Acetophenone	ND		ug/kg	1800	220	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	340	10
p-Chloro-m-cresol	ND		ug/kg	1800	270	10
2-Chlorophenol	ND		ug/kg	1800	210	10
2,4-Dichlorophenol	ND		ug/kg	1600	290	10
2,4-Dimethylphenol	ND		ug/kg	1800	590	10
2-Nitrophenol	ND		ug/kg	3900	680	10
4-Nitrophenol	ND		ug/kg	2500	730	10
2,4-Dinitrophenol	ND		ug/kg	8600	840	10
4,6-Dinitro-o-cresol	ND		ug/kg	4700	860	10
Pentachlorophenol	ND		ug/kg	1400	400	10
Phenol	ND		ug/kg	1800	270	10
2-Methylphenol	ND		ug/kg	1800	280	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2600	280	10
2,4,5-Trichlorophenol	ND		ug/kg	1800	340	10
Carbazole	590	J	ug/kg	1800	180	10
Atrazine	ND		ug/kg	1400	630	10
Benzaldehyde	ND		ug/kg	2400	490	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-02 D
Client ID: TB-DOC39-061824-0820
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:20
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1800	550	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1800	360	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	71		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-03 D
Client ID: TB-DOC40-061824-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:50
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 19:20
Analyst: JG
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1400	180	10
Hexachlorobenzene	ND		ug/kg	1000	190	10
Bis(2-chloroethyl)ether	ND		ug/kg	1500	230	10
2-Chloronaphthalene	ND		ug/kg	1700	170	10
3,3'-Dichlorobenzidine	ND		ug/kg	1700	450	10
2,4-Dinitrotoluene	ND		ug/kg	1700	340	10
2,6-Dinitrotoluene	ND		ug/kg	1700	290	10
Fluoranthene	7000		ug/kg	1000	200	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1700	180	10
4-Bromophenyl phenyl ether	ND		ug/kg	1700	260	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2000	290	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1800	170	10
Hexachlorobutadiene	ND		ug/kg	1700	250	10
Hexachlorocyclopentadiene	ND		ug/kg	4900	1500	10
Hexachloroethane	ND		ug/kg	1400	280	10
Isophorone	ND		ug/kg	1500	220	10
Naphthalene	350	J	ug/kg	1700	210	10
Nitrobenzene	ND		ug/kg	1500	250	10
NDPA/DPA	ND		ug/kg	1400	190	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1700	260	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1700	590	10
Butyl benzyl phthalate	ND		ug/kg	1700	430	10
Di-n-butylphthalate	ND		ug/kg	1700	320	10
Di-n-octylphthalate	ND		ug/kg	1700	580	10
Diethyl phthalate	ND		ug/kg	1700	160	10
Dimethyl phthalate	ND		ug/kg	1700	360	10
Benzo(a)anthracene	3500		ug/kg	1000	190	10
Benzo(a)pyrene	4000		ug/kg	1400	420	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-03 D
Client ID: TB-DOC40-061824-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:50
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	5500		ug/kg	1000	290	10
Benzo(k)fluoranthene	1800		ug/kg	1000	270	10
Chrysene	4000		ug/kg	1000	180	10
Acenaphthylene	750	J	ug/kg	1400	260	10
Anthracene	950	J	ug/kg	1000	330	10
Benzo(ghi)perylene	3100		ug/kg	1400	200	10
Fluorene	220	J	ug/kg	1700	160	10
Phenanthrene	2800		ug/kg	1000	210	10
Dibenzo(a,h)anthracene	650	J	ug/kg	1000	200	10
Indeno(1,2,3-cd)pyrene	2700		ug/kg	1400	240	10
Pyrene	6800		ug/kg	1000	170	10
Biphenyl	ND		ug/kg	3900	220	10
4-Chloroaniline	ND		ug/kg	1700	310	10
2-Nitroaniline	ND		ug/kg	1700	330	10
3-Nitroaniline	ND		ug/kg	1700	320	10
4-Nitroaniline	ND		ug/kg	1700	710	10
Dibenzofuran	190	J	ug/kg	1700	160	10
2-Methylnaphthalene	400	J	ug/kg	2000	210	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1700	180	10
Acetophenone	ND		ug/kg	1700	210	10
2,4,6-Trichlorophenol	ND		ug/kg	1000	320	10
p-Chloro-m-cresol	ND		ug/kg	1700	250	10
2-Chlorophenol	ND		ug/kg	1700	200	10
2,4-Dichlorophenol	ND		ug/kg	1500	270	10
2,4-Dimethylphenol	ND		ug/kg	1700	560	10
2-Nitrophenol	ND		ug/kg	3700	640	10
4-Nitrophenol	ND		ug/kg	2400	700	10
2,4-Dinitrophenol	ND		ug/kg	8200	800	10
4,6-Dinitro-o-cresol	ND		ug/kg	4400	820	10
Pentachlorophenol	ND		ug/kg	1400	380	10
Phenol	ND		ug/kg	1700	260	10
2-Methylphenol	ND		ug/kg	1700	260	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2400	270	10
2,4,5-Trichlorophenol	ND		ug/kg	1700	330	10
Carbazole	470	J	ug/kg	1700	160	10
Atrazine	ND		ug/kg	1400	600	10
Benzaldehyde	ND		ug/kg	2200	460	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-03 D
Client ID: TB-DOC40-061824-0850
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 08:50
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1700	520	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1700	340	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	95		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-04 D
Client ID: TB-DOC41-061824-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 09:00
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 19:43
Analyst: JG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1400	190	10
Hexachlorobenzene	ND		ug/kg	1100	200	10
Bis(2-chloroethyl)ether	ND		ug/kg	1600	240	10
2-Chloronaphthalene	ND		ug/kg	1800	180	10
3,3'-Dichlorobenzidine	ND		ug/kg	1800	480	10
2,4-Dinitrotoluene	ND		ug/kg	1800	360	10
2,6-Dinitrotoluene	ND		ug/kg	1800	310	10
Fluoranthene	8700		ug/kg	1100	210	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	190	10
4-Bromophenyl phenyl ether	ND		ug/kg	1800	280	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2200	310	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1900	180	10
Hexachlorobutadiene	ND		ug/kg	1800	260	10
Hexachlorocyclopentadiene	ND		ug/kg	5200	1600	10
Hexachloroethane	ND		ug/kg	1400	290	10
Isophorone	ND		ug/kg	1600	230	10
Naphthalene	1800		ug/kg	1800	220	10
Nitrobenzene	ND		ug/kg	1600	270	10
NDPA/DPA	ND		ug/kg	1400	200	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	280	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1800	620	10
Butyl benzyl phthalate	810	J	ug/kg	1800	450	10
Di-n-butylphthalate	ND		ug/kg	1800	340	10
Di-n-octylphthalate	ND		ug/kg	1800	610	10
Diethyl phthalate	ND		ug/kg	1800	170	10
Dimethyl phthalate	ND		ug/kg	1800	380	10
Benzo(a)anthracene	8700		ug/kg	1100	200	10
Benzo(a)pyrene	8700		ug/kg	1400	440	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-04 D
Client ID: TB-DOC41-061824-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 09:00
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	13000		ug/kg	1100	300	10
Benzo(k)fluoranthene	4700		ug/kg	1100	290	10
Chrysene	7300		ug/kg	1100	190	10
Acenaphthylene	3000		ug/kg	1400	280	10
Anthracene	1700		ug/kg	1100	350	10
Benzo(ghi)perylene	4500		ug/kg	1400	210	10
Fluorene	310	J	ug/kg	1800	180	10
Phenanthrene	2600		ug/kg	1100	220	10
Dibenzo(a,h)anthracene	1500		ug/kg	1100	210	10
Indeno(1,2,3-cd)pyrene	5200		ug/kg	1400	250	10
Pyrene	9900		ug/kg	1100	180	10
Biphenyl	ND		ug/kg	4100	230	10
4-Chloroaniline	ND		ug/kg	1800	330	10
2-Nitroaniline	ND		ug/kg	1800	350	10
3-Nitroaniline	ND		ug/kg	1800	340	10
4-Nitroaniline	ND		ug/kg	1800	750	10
Dibenzofuran	740	J	ug/kg	1800	170	10
2-Methylnaphthalene	1600	J	ug/kg	2200	220	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	190	10
Acetophenone	ND		ug/kg	1800	220	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	340	10
p-Chloro-m-cresol	ND		ug/kg	1800	270	10
2-Chlorophenol	ND		ug/kg	1800	210	10
2,4-Dichlorophenol	ND		ug/kg	1600	290	10
2,4-Dimethylphenol	ND		ug/kg	1800	590	10
2-Nitrophenol	ND		ug/kg	3900	680	10
4-Nitrophenol	ND		ug/kg	2500	740	10
2,4-Dinitrophenol	ND		ug/kg	8600	840	10
4,6-Dinitro-o-cresol	ND		ug/kg	4700	860	10
Pentachlorophenol	ND		ug/kg	1400	400	10
Phenol	ND		ug/kg	1800	270	10
2-Methylphenol	ND		ug/kg	1800	280	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2600	280	10
2,4,5-Trichlorophenol	ND		ug/kg	1800	340	10
Carbazole	520	J	ug/kg	1800	180	10
Atrazine	ND		ug/kg	1400	630	10
Benzaldehyde	ND		ug/kg	2400	490	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-04 D
Client ID: TB-DOC41-061824-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 09:00
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1800	550	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1800	360	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	88		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-05
Client ID: TB-DOC42-061824-0920
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 09:20
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 20:05
Analyst: JG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	180		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	5100		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	1500		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	360		ug/kg	180	64.	1
Butyl benzyl phthalate	1100		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	5000		ug/kg	110	21.	1
Benzo(a)pyrene	6200		ug/kg	150	45.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-05 Date Collected: 06/18/24 09:20

Client ID: TB-DOC42-061824-0920 Date Received: 06/18/24

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						
Benzo(b)fluoranthene	9900	E	ug/kg	110	31.	1
Benzo(k)fluoranthene	2200		ug/kg	110	30.	1
Chrysene	4700		ug/kg	110	19.	1
Acenaphthylene	2800		ug/kg	150	29.	1
Anthracene	1600		ug/kg	110	36.	1
Benzo(ghi)perylene	3400		ug/kg	150	22.	1
Fluorene	260		ug/kg	180	18.	1
Phenanthrene	2300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1200		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	4000		ug/kg	150	26.	1
Pyrene	5200		ug/kg	110	18.	1
Biphenyl	140	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	590		ug/kg	180	18.	1
2-Methylnaphthalene	1200		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	130	J	ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	110	J	ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	90	J	ug/kg	180	28.	1
2-Methylphenol	56	J	ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	190	J	ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	500		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-05 Date Collected: 06/18/24 09:20

Client ID: TB-DOC42-061824-0920 Date Received: 06/18/24

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						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	89		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2434436
Project Number: 0200336-002
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-05 D
Client ID: TB-DOC42-061824-0920
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 09:20
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/25/24 15:33
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	11000		ug/kg	560	160	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-06
Client ID: TB-DOC43-061824-0930
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 09:30
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 21:14
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140	J	ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	4500		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	1400		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	2700		ug/kg	200	69.	1
Butyl benzyl phthalate	5500		ug/kg	200	50.	1
Di-n-butylphthalate	98	J	ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	4100		ug/kg	120	22.	1
Benzo(a)pyrene	5200		ug/kg	160	49.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-06 Date Collected: 06/18/24 09:30

Client ID: TB-DOC43-061824-0930 Date Received: 06/18/24

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						
Benzo(b)fluoranthene	8800	E	ug/kg	120	34.	1
Benzo(k)fluoranthene	1700		ug/kg	120	32.	1
Chrysene	4100		ug/kg	120	21.	1
Acenaphthylene	2400		ug/kg	160	31.	1
Anthracene	1500		ug/kg	120	39.	1
Benzo(ghi)perylene	3100		ug/kg	160	24.	1
Fluorene	220		ug/kg	200	19.	1
Phenanthrene	2200		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	1000		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	3700		ug/kg	160	28.	1
Pyrene	4300		ug/kg	120	20.	1
Biphenyl	160	J	ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	650		ug/kg	200	19.	1
2-Methylnaphthalene	1400		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	200		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	110	J	ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	74	J	ug/kg	200	30.	1
2-Methylphenol	56	J	ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	160	J	ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	460		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-06 Date Collected: 06/18/24 09:30

Client ID: TB-DOC43-061824-0930 Date Received: 06/18/24

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						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	72		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2434436
Project Number: 0200336-002
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-06 D
Client ID: TB-DOC43-061824-0930
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 09:30
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/25/24 15:57
Analyst: IM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	8900		ug/kg	600	170	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-07
Client ID: TB-DOC44-061824-1000
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 10:00
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 21:37
Analyst: JG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	4200		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	780		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	370		ug/kg	170	59.	1
Butyl benzyl phthalate	930		ug/kg	170	43.	1
Di-n-butylphthalate	33	J	ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	3500		ug/kg	100	19.	1
Benzo(a)pyrene	3800		ug/kg	140	42.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-07 Date Collected: 06/18/24 10:00

Client ID: TB-DOC44-061824-1000 Date Received: 06/18/24

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						
Benzo(b)fluoranthene	5700		ug/kg	100	29.	1
Benzo(k)fluoranthene	1900		ug/kg	100	27.	1
Chrysene	3400		ug/kg	100	18.	1
Acenaphthylene	1400		ug/kg	140	26.	1
Anthracene	1200		ug/kg	100	33.	1
Benzo(ghi)perylene	2600		ug/kg	140	20.	1
Fluorene	190		ug/kg	170	17.	1
Phenanthrene	1500		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	730		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	2700		ug/kg	140	24.	1
Pyrene	4600		ug/kg	100	17.	1
Biphenyl	96	J	ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	350		ug/kg	170	16.	1
2-Methylnaphthalene	880		ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	120	J	ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	73	J	ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	63	J	ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	260		ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	60.	1
Benzaldehyde	ND		ug/kg	230	46.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-07 Date Collected: 06/18/24 10:00

Client ID: TB-DOC44-061824-1000 Date Received: 06/18/24

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						
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	72		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-08
Client ID: TB-DOC45-061824-1010
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 10:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 22:00
Analyst: JG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	150		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	6200		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	640		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	92	J	ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	4400		ug/kg	100	20.	1
Benzo(a)pyrene	5500		ug/kg	140	42.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-08 Date Collected: 06/18/24 10:10

Client ID: TB-DOC45-061824-1010 Date Received: 06/18/24

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						
Benzo(b)fluoranthene	6900		ug/kg	100	29.	1
Benzo(k)fluoranthene	1400		ug/kg	100	28.	1
Chrysene	4300		ug/kg	100	18.	1
Acenaphthylene	4000		ug/kg	140	27.	1
Anthracene	1800		ug/kg	100	34.	1
Benzo(ghi)perylene	7400	E	ug/kg	140	20.	1
Fluorene	400		ug/kg	170	17.	1
Phenanthrene	2200		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	1200		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	4800		ug/kg	140	24.	1
Pyrene	9600	E	ug/kg	100	17.	1
Biphenyl	85	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	170		ug/kg	170	16.	1
2-Methylnaphthalene	360		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	140	J	ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	45	J	ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	110	J	ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	240		ug/kg	230	47.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-08 Date Collected: 06/18/24 10:10

Client ID: TB-DOC45-061824-1010 Date Received: 06/18/24

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						
Caprolactam	ND		ug/kg	170	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	66		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2434436
Project Number: 0200336-002
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-08 D
Client ID: TB-DOC45-061824-1010
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 10:10
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/25/24 15:23
Analyst: IM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(ghi)perylene	8900		ug/kg	700	100	5
Pyrene	14000		ug/kg	520	87.	5

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-09
Client ID: TB-DOC46-061824-1030
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 10:30
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/24/24 22:23
Analyst: JG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1700		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	26000	E	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	2000		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	91	J	ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	16000	E	ug/kg	100	19.	1
Benzo(a)pyrene	17000	E	ug/kg	140	42.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-09 Date Collected: 06/18/24 10:30

Client ID: TB-DOC46-061824-1030 Date Received: 06/18/24

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						
Benzo(b)fluoranthene	23000	E	ug/kg	100	29.	1
Benzo(k)fluoranthene	2500		ug/kg	100	28.	1
Chrysene	13000	E	ug/kg	100	18.	1
Acenaphthylene	4900		ug/kg	140	27.	1
Anthracene	4900		ug/kg	100	34.	1
Benzo(ghi)perylene	15000	E	ug/kg	140	20.	1
Fluorene	2000		ug/kg	170	17.	1
Phenanthrene	14000	E	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	2800		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	12000	E	ug/kg	140	24.	1
Pyrene	28000	E	ug/kg	100	17.	1
Biphenyl	280	J	ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	930		ug/kg	170	16.	1
2-Methylnaphthalene	960		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	100	J	ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	60	J	ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	1500		ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	60.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-09 Date Collected: 06/18/24 10:30

Client ID: TB-DOC46-061824-1030 Date Received: 06/18/24

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						
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	85		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-09 D
Client ID: TB-DOC46-061824-1030
Sample Location: ROCHESTER, NY

Date Collected: 06/18/24 10:30
Date Received: 06/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/25/24 14:47
Analyst: IM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	39000		ug/kg	1000	200	10
Benzo(a)anthracene	21000		ug/kg	1000	190	10
Benzo(a)pyrene	22000		ug/kg	1400	420	10
Benzo(b)fluoranthene	24000		ug/kg	1000	290	10
Chrysene	19000		ug/kg	1000	180	10
Benzo(ghi)perylene	19000		ug/kg	1400	200	10
Phenanthrene	20000		ug/kg	1000	210	10
Indeno(1,2,3-cd)pyrene	15000		ug/kg	1400	240	10
Pyrene	44000		ug/kg	1000	170	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/24/24 13:38
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1938255-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/24/24 13:38
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1938255-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/24/24 13:38
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/23/24 20:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1938255-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	76		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2434436

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1938255-2 WG1938255-3								
Acenaphthene	80		77		31-137	4		50
Hexachlorobenzene	84		81		40-140	4		50
Bis(2-chloroethyl)ether	84		80		40-140	5		50
2-Chloronaphthalene	77		73		40-140	5		50
3,3'-Dichlorobenzidine	79		81		40-140	3		50
2,4-Dinitrotoluene	92		88		40-132	4		50
2,6-Dinitrotoluene	86		80		40-140	7		50
Fluoranthene	87		82		40-140	6		50
4-Chlorophenyl phenyl ether	81		76		40-140	6		50
4-Bromophenyl phenyl ether	86		81		40-140	6		50
Bis(2-chloroisopropyl)ether	56		56		40-140	0		50
Bis(2-chloroethoxy)methane	86		84		40-117	2		50
Hexachlorobutadiene	83		78		40-140	6		50
Hexachlorocyclopentadiene	70		66		40-140	6		50
Hexachloroethane	84		78		40-140	7		50
Isophorone	86		83		40-140	4		50
Naphthalene	77		71		40-140	8		50
Nitrobenzene	87		83		40-140	5		50
NDPA/DPA	82		77		36-157	6		50
n-Nitrosodi-n-propylamine	86		82		32-121	5		50
Bis(2-ethylhexyl)phthalate	85		81		40-140	5		50
Butyl benzyl phthalate	99		93		40-140	6		50
Di-n-butylphthalate	92		88		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2434436

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1938255-2 WG1938255-3								
Di-n-octylphthalate	104		100		40-140	4		50
Diethyl phthalate	87		81		40-140	7		50
Dimethyl phthalate	78		74		40-140	5		50
Benzo(a)anthracene	85		84		40-140	1		50
Benzo(a)pyrene	91		88		40-140	3		50
Benzo(b)fluoranthene	87		87		40-140	0		50
Benzo(k)fluoranthene	86		82		40-140	5		50
Chrysene	84		84		40-140	0		50
Acenaphthylene	74		68		40-140	8		50
Anthracene	84		81		40-140	4		50
Benzo(ghi)perylene	83		82		40-140	1		50
Fluorene	79		77		40-140	3		50
Phenanthrene	80		78		40-140	3		50
Dibenzo(a,h)anthracene	83		81		40-140	2		50
Indeno(1,2,3-cd)pyrene	84		83		40-140	1		50
Pyrene	87		82		35-142	6		50
Biphenyl	65		61		37-127	6		50
4-Chloroaniline	89		82		40-140	8		50
2-Nitroaniline	90		86		47-134	5		50
3-Nitroaniline	85		82		26-129	4		50
4-Nitroaniline	91		84		41-125	8		50
Dibenzofuran	78		75		40-140	4		50
2-Methylnaphthalene	77		72		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2434436

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1938255-2 WG1938255-3								
1,2,4,5-Tetrachlorobenzene	71		66		40-117	7		50
Acetophenone	76		72		14-144	5		50
2,4,6-Trichlorophenol	86		82		30-130	5		50
p-Chloro-m-cresol	94		87		26-103	8		50
2-Chlorophenol	88		82		25-102	7		50
2,4-Dichlorophenol	85		82		30-130	4		50
2,4-Dimethylphenol	101		98		30-130	3		50
2-Nitrophenol	98		95		30-130	3		50
4-Nitrophenol	105		100		11-114	5		50
2,4-Dinitrophenol	92		93		4-130	1		50
4,6-Dinitro-o-cresol	99		96		10-130	3		50
Pentachlorophenol	78		71		17-109	9		50
Phenol	86		84		26-90	2		50
2-Methylphenol	89		85		30-130.	5		50
3-Methylphenol/4-Methylphenol	97		92		30-130	5		50
2,4,5-Trichlorophenol	86		80		30-130	7		50
Carbazole	82		78		54-128	5		50
Atrazine	78		72		40-140	8		50
Benzaldehyde	73		69		40-140	6		50
Caprolactam	70		66		15-130	6		50
2,3,4,6-Tetrachlorophenol	91		87		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1938255-2 WG1938255-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	99		90		25-120
Phenol-d6	93		85		10-120
Nitrobenzene-d5	91		83		23-120
2-Fluorobiphenyl	77		69		30-120
2,4,6-Tribromophenol	104		92		10-136
4-Terphenyl-d14	90		82		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

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): 01-09 QC Batch ID: WG1938255-4 WG1938255-5 QC Sample: L2434436-05 Client ID: TB-DOC42-061824-0920												
Acenaphthene	180	1440	1200	71		1300	76		31-137	8		50
Hexachlorobenzene	ND	1440	1200	83		1300	88		40-140	8		50
Bis(2-chloroethyl)ether	ND	1440	1200	83		1300	88		40-140	8		50
2-Chloronaphthalene	ND	1440	1100	76		1200	81		40-140	9		50
3,3'-Dichlorobenzidine	ND	1440	240	**17**	Q	360	**24**	Q	40-140	40		50
2,4-Dinitrotoluene	ND	1440	1200	83		1200	81		40-132	0		50
2,6-Dinitrotoluene	ND	1440	1200	83		1200	81		40-140	0		50
Fluoranthene	5100	1440	5300	**14**	Q	5600	**34**	Q	40-140	6		50
4-Chlorophenyl phenyl ether	ND	1440	1100	76		1200	81		40-140	9		50
4-Bromophenyl phenyl ether	ND	1440	1200	83		1300	88		40-140	8		50
Bis(2-chloroisopropyl)ether	ND	1440	800	55		870	59		40-140	8		50
Bis(2-chloroethoxy)methane	ND	1440	1200	83		1300	88		40-117	8		50
Hexachlorobutadiene	ND	1440	1100	76		1300	88		40-140	17		50
Hexachlorocyclopentadiene	ND	1440	180J	**12**	Q	170J	**11**	Q	40-140	6		50
Hexachloroethane	ND	1440	1100	76		1200	81		40-140	9		50
Isophorone	ND	1440	1200	83		1300	88		40-140	8		50
Naphthalene	1500	1440	2600	76		2600	74		40-140	0		50
Nitrobenzene	ND	1440	1300	90		1400	94		40-140	7		50
NDPA/DPA	ND	1440	1200	83		1300	88		36-157	8		50
n-Nitrosodi-n-propylamine	ND	1440	1200	83		1300	88		32-121	8		50
Bis(2-ethylhexyl)phthalate	360	1440	1600	86		1800	97		40-140	12		50
Butyl benzyl phthalate	1100	1440	2500	97		2500	94		40-140	0		50
Di-n-butylphthalate	ND	1440	1200	83		1400	94		40-140	15		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

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): 01-09 QC Batch ID: WG1938255-4 WG1938255-5 QC Sample: L2434436-05 Client ID: TB-DOC42-061824-0920												
Di-n-octylphthalate	ND	1440	1400	97		1600	110		40-140	13		50
Diethyl phthalate	ND	1440	1200	83		1300	88		40-140	8		50
Dimethyl phthalate	ND	1440	1100	76		1200	81		40-140	9		50
Benzo(a)anthracene	5000	1440	5200	**14**	Q	5800	54		40-140	11		50
Benzo(a)pyrene	6200	1440	5900	**0**	Q	7100	61		40-140	18		50
Benzo(b)fluoranthene	9900E	1440	10000E	**7**	Q	11000E	74		40-140	10		50
Benzo(k)fluoranthene	2200	1440	1900	**0**	Q	2600	**27**	Q	40-140	31		50
Chrysene	4700	1440	4700	**0**	Q	5900	81		40-140	23		50
Acenaphthylene	2800	1440	3500	48		3900	74		40-140	11		50
Anthracene	1600	1440	2500	62		2800	81		40-140	11		50
Benzo(ghi)perylene	3400	1440	3800	**28**	Q	4400	67		40-140	15		50
Fluorene	260	1440	1300	72		1500	84		40-140	14		50
Phenanthrene	2300	1440	2900	42		2900	40		40-140	0		50
Dibenzo(a,h)anthracene	1200	1440	2100	62		2600	94		40-140	21		50
Indeno(1,2,3-cd)pyrene	4000	1440	4500	**35**	Q	5300	88		40-140	16		50
Pyrene	5200	1440	5200	**0**	Q	5700	**34**	Q	35-142	9		50
Biphenyl	140J	1440	1100	76		1100	74		37-127	0		50
4-Chloroaniline	ND	1440	700	48		760	51		40-140	8		50
2-Nitroaniline	ND	1440	1400	97		1500	100		47-134	7		50
3-Nitroaniline	ND	1440	780	54		960	65		26-129	21		50
4-Nitroaniline	ND	1440	520	**36**	Q	720	49		41-125	32		50
Dibenzofuran	590	1440	1700	77		1800	82		40-140	6		50
2-Methylnaphthalene	1200	1440	2600	97		2500	88		40-140	4		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

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): 01-09 QC Batch ID: WG1938255-4 WG1938255-5 QC Sample: L2434436-05 Client ID: TB-DOC42-061824-0920												
1,2,4,5-Tetrachlorobenzene	ND	1440	1000	69		1100	74		40-117	10		50
Acetophenone	130J	1440	1200	83		1300	88		14-144	8		50
2,4,6-Trichlorophenol	ND	1440	1200	83		1300	88		30-130	8		50
p-Chloro-m-cresol	ND	1440	1200	83		1300	88		26-103	8		50
2-Chlorophenol	ND	1440	1100	76		1200	81		25-102	9		50
2,4-Dichlorophenol	ND	1440	1100	76		1200	81		30-130	9		50
2,4-Dimethylphenol	110J	1440	1300	90		1400	94		30-130	7		50
2-Nitrophenol	ND	1440	1300	90		1400	94		30-130	7		50
4-Nitrophenol	ND	1440	930	64		1000	67		11-114	7		50
2,4-Dinitrophenol	ND	1440	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1440	120J	**8**	Q	110J	**7**	Q	10-130	9		50
Pentachlorophenol	ND	1440	610	42		640	43		17-109	5		50
Phenol	90J	1440	1200	83		1300	88		26-90	8		50
2-Methylphenol	56J	1440	1200	83		1300	88		30-130.	8		50
3-Methylphenol/4-Methylphenol	190J	1440	1400	97		1500	100		30-130	7		50
2,4,5-Trichlorophenol	ND	1440	1100	76		1200	81		30-130	9		50
Carbazole	500	1440	1500	69		1600	74		54-128	6		50
Atrazine	ND	1440	1000	69		1100	74		40-140	10		50
Benzaldehyde	ND	1440	1600	110		1600	110		40-140	0		50
Caprolactam	ND	1440	920	64		1000	67		15-130	8		50
2,3,4,6-Tetrachlorophenol	ND	1440	1100	76		1200	81		40-140	9		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

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): 01-09 QC Batch ID: WG1938255-4 WG1938255-5 QC Sample: L2434436-05 Client ID: TB-DOC42-061824-0920												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	89		98		10-136
2-Fluorobiphenyl	68		73		30-120
2-Fluorophenol	78		84		25-120
4-Terphenyl-d14	76		81		18-120
Nitrobenzene-d5	84		87		23-120
Phenol-d6	75		82		10-120

METALS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-01 Date Collected: 06/18/24 08:10

Client ID: TB-DOC38-061824-0810 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2630		mg/kg	8.15	2.20	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Antimony, Total	4.76		mg/kg	4.08	0.310	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Arsenic, Total	68.5		mg/kg	0.815	0.170	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Barium, Total	49.5		mg/kg	0.815	0.142	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.267	J	mg/kg	0.408	0.027	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.836		mg/kg	0.815	0.080	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Calcium, Total	45500		mg/kg	8.15	2.85	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Chromium, Total	138		mg/kg	0.815	0.078	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.72		mg/kg	1.63	0.135	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Copper, Total	144		mg/kg	0.815	0.210	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Iron, Total	23500		mg/kg	4.08	0.736	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Lead, Total	316		mg/kg	4.08	0.218	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Magnesium, Total	12900		mg/kg	8.15	1.26	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Manganese, Total	328		mg/kg	0.815	0.130	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Mercury, Total	0.299		mg/kg	0.074	0.048	1	06/25/24 01:32	06/25/24 10:27	EPA 7471B	1,7471B	MJR
Nickel, Total	17.9		mg/kg	2.04	0.197	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Potassium, Total	334		mg/kg	204	11.7	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.63	0.210	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Silver, Total	0.702		mg/kg	0.408	0.231	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Sodium, Total	87.0	J	mg/kg	163	2.57	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.63	0.257	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Vanadium, Total	14.2		mg/kg	0.815	0.165	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC
Zinc, Total	186		mg/kg	4.08	0.239	2	06/25/24 00:34	06/25/24 10:08	EPA 3050B	1,6010D	DMC

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-02 Date Collected: 06/18/24 08:20

Client ID: TB-DOC39-061824-0820 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3240		mg/kg	8.54	2.30	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Antimony, Total	3.85	J	mg/kg	4.27	0.324	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Arsenic, Total	106		mg/kg	0.854	0.178	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Barium, Total	56.2		mg/kg	0.854	0.148	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.276	J	mg/kg	0.427	0.028	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Cadmium, Total	1.03		mg/kg	0.854	0.084	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Calcium, Total	50400		mg/kg	8.54	2.99	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Chromium, Total	15.1		mg/kg	0.854	0.082	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Cobalt, Total	5.12		mg/kg	1.71	0.142	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Copper, Total	136		mg/kg	0.854	0.220	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Iron, Total	26700		mg/kg	4.27	0.771	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Lead, Total	283		mg/kg	4.27	0.229	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Magnesium, Total	14700		mg/kg	8.54	1.32	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Manganese, Total	513		mg/kg	0.854	0.136	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Mercury, Total	0.268		mg/kg	0.074	0.048	1	06/25/24 01:32	06/25/24 10:30	EPA 7471B	1,7471B	MJR
Nickel, Total	17.5		mg/kg	2.13	0.207	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Potassium, Total	426		mg/kg	213	12.3	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.71	0.220	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Silver, Total	1.04		mg/kg	0.427	0.242	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Sodium, Total	92.4	J	mg/kg	171	2.69	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.71	0.269	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Vanadium, Total	16.3		mg/kg	0.854	0.173	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC
Zinc, Total	200		mg/kg	4.27	0.250	2	06/25/24 00:34	06/25/24 10:15	EPA 3050B	1,6010D	DMC

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-03 Date Collected: 06/18/24 08:50

Client ID: TB-DOC40-061824-0850 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3140		mg/kg	7.90	2.13	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Antimony, Total	2.62	J	mg/kg	3.95	0.300	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Arsenic, Total	41.6		mg/kg	0.790	0.164	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Barium, Total	34.0		mg/kg	0.790	0.138	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.243	J	mg/kg	0.395	0.026	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.137	J	mg/kg	0.790	0.078	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Calcium, Total	50900		mg/kg	7.90	2.77	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Chromium, Total	9.42		mg/kg	0.790	0.076	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Cobalt, Total	5.16		mg/kg	1.58	0.131	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Copper, Total	88.7		mg/kg	0.790	0.204	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Iron, Total	18000		mg/kg	3.95	0.714	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Lead, Total	153		mg/kg	3.95	0.212	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Magnesium, Total	22000		mg/kg	7.90	1.22	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Manganese, Total	356		mg/kg	0.790	0.126	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Mercury, Total	0.285		mg/kg	0.075	0.049	1	06/25/24 01:32	06/25/24 10:33	EPA 7471B	1,7471B	MJR
Nickel, Total	12.3		mg/kg	1.98	0.191	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Potassium, Total	436		mg/kg	198	11.4	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.58	0.204	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Silver, Total	0.297	J	mg/kg	0.395	0.224	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Sodium, Total	101	J	mg/kg	158	2.49	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.58	0.249	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Vanadium, Total	13.4		mg/kg	0.790	0.160	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC
Zinc, Total	82.7		mg/kg	3.95	0.232	2	06/25/24 00:34	06/25/24 10:21	EPA 3050B	1,6010D	DMC

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-04 Date Collected: 06/18/24 09:00

Client ID: TB-DOC41-061824-0900 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2530		mg/kg	17.2	4.66	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Antimony, Total	17.3		mg/kg	8.62	0.655	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Arsenic, Total	238		mg/kg	1.72	0.359	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Barium, Total	74.0		mg/kg	1.72	0.300	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.374	J	mg/kg	0.862	0.057	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Cadmium, Total	1.06	J	mg/kg	1.72	0.169	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Calcium, Total	38000		mg/kg	17.2	6.04	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Chromium, Total	18.2		mg/kg	1.72	0.166	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.97		mg/kg	3.45	0.286	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Copper, Total	204		mg/kg	1.72	0.445	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Iron, Total	52200		mg/kg	8.62	1.56	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Lead, Total	651		mg/kg	8.62	0.462	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Magnesium, Total	9840		mg/kg	17.2	2.66	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Manganese, Total	444		mg/kg	1.72	0.274	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Mercury, Total	0.462		mg/kg	0.072	0.047	1	06/25/24 01:32	06/25/24 10:37	EPA 7471B	1,7471B	MJR
Nickel, Total	37.9		mg/kg	4.31	0.417	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Potassium, Total	126	J	mg/kg	431	24.8	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	3.45	0.445	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Silver, Total	0.543	J	mg/kg	0.862	0.488	4	06/25/24 00:34	06/25/24 15:37	EPA 3050B	1,6010D	DHL
Sodium, Total	92.3	J	mg/kg	345	5.43	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	3.45	0.543	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Vanadium, Total	15.1		mg/kg	1.72	0.350	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC
Zinc, Total	264		mg/kg	8.62	0.505	4	06/25/24 00:34	06/25/24 12:29	EPA 3050B	1,6010D	DMC

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-05 Date Collected: 06/18/24 09:20

Client ID: TB-DOC42-061824-0920 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3190		mg/kg	8.46	2.28	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Antimony, Total	3.51	J	mg/kg	4.23	0.321	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Arsenic, Total	81.9		mg/kg	0.846	0.176	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Barium, Total	41.5		mg/kg	0.846	0.147	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.264	J	mg/kg	0.423	0.028	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.174	J	mg/kg	0.846	0.083	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Calcium, Total	30500		mg/kg	8.46	2.96	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Chromium, Total	10.0		mg/kg	0.846	0.081	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.26		mg/kg	1.69	0.140	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Copper, Total	84.3		mg/kg	0.846	0.218	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Iron, Total	19400		mg/kg	4.23	0.764	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Lead, Total	190		mg/kg	4.23	0.227	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Magnesium, Total	10100		mg/kg	8.46	1.30	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Manganese, Total	339		mg/kg	0.846	0.134	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Mercury, Total	0.290		mg/kg	0.079	0.052	1	06/25/24 01:32	06/25/24 09:50	EPA 7471B	1,7471B	MJR
Nickel, Total	12.6		mg/kg	2.11	0.205	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Potassium, Total	377		mg/kg	211	12.2	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.69	0.218	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Silver, Total	0.383	J	mg/kg	0.423	0.239	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Sodium, Total	66.8	J	mg/kg	169	2.66	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.69	0.266	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Vanadium, Total	12.2		mg/kg	0.846	0.172	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC
Zinc, Total	109		mg/kg	4.23	0.248	2	06/25/24 00:34	06/25/24 08:35	EPA 3050B	1,6010D	DMC

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-06 Date Collected: 06/18/24 09:30

Client ID: TB-DOC43-061824-0930 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2630		mg/kg	9.23	2.49	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Antimony, Total	15.4		mg/kg	4.62	0.351	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Arsenic, Total	172		mg/kg	0.923	0.192	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Barium, Total	87.7		mg/kg	0.923	0.161	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.429	J	mg/kg	0.462	0.031	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.852	J	mg/kg	0.923	0.091	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Calcium, Total	40400		mg/kg	9.23	3.23	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Chromium, Total	17.0		mg/kg	0.923	0.089	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.76		mg/kg	1.85	0.153	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Copper, Total	216		mg/kg	0.923	0.238	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Iron, Total	37700		mg/kg	4.62	0.834	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Lead, Total	431		mg/kg	4.62	0.247	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Magnesium, Total	5580		mg/kg	9.23	1.42	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Manganese, Total	512		mg/kg	0.923	0.147	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Mercury, Total	0.524		mg/kg	0.082	0.054	1	06/25/24 01:32	06/25/24 10:40	EPA 7471B	1,7471B	MJR
Nickel, Total	26.5		mg/kg	2.31	0.223	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Potassium, Total	214	J	mg/kg	231	13.3	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.85	0.238	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Silver, Total	0.857		mg/kg	0.462	0.261	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Sodium, Total	94.0	J	mg/kg	185	2.91	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.85	0.291	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Vanadium, Total	15.7		mg/kg	0.923	0.187	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC
Zinc, Total	227		mg/kg	4.62	0.270	2	06/25/24 00:34	06/25/24 10:35	EPA 3050B	1,6010D	DMC

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-07 Date Collected: 06/18/24 10:00

Client ID: TB-DOC44-061824-1000 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3270		mg/kg	8.24	2.22	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Antimony, Total	2.80	J	mg/kg	4.12	0.313	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Arsenic, Total	92.8		mg/kg	0.824	0.171	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Barium, Total	44.1		mg/kg	0.824	0.143	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.262	J	mg/kg	0.412	0.027	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.144	J	mg/kg	0.824	0.081	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Calcium, Total	72800		mg/kg	8.24	2.88	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Chromium, Total	13.0		mg/kg	0.824	0.079	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.24		mg/kg	1.65	0.137	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Copper, Total	97.9		mg/kg	0.824	0.212	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Iron, Total	23000		mg/kg	4.12	0.744	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Lead, Total	161		mg/kg	4.12	0.221	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Magnesium, Total	29600		mg/kg	8.24	1.27	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Manganese, Total	368		mg/kg	0.824	0.131	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Mercury, Total	0.385		mg/kg	0.067	0.044	1	06/25/24 01:32	06/25/24 10:43	EPA 7471B	1,7471B	MJR
Nickel, Total	14.7		mg/kg	2.06	0.199	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Potassium, Total	426		mg/kg	206	11.9	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.65	0.212	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Silver, Total	0.523		mg/kg	0.412	0.233	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Sodium, Total	134	J	mg/kg	165	2.60	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.65	0.260	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Vanadium, Total	14.4		mg/kg	0.824	0.167	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC
Zinc, Total	110		mg/kg	4.12	0.241	2	06/25/24 00:34	06/25/24 10:41	EPA 3050B	1,6010D	DMC

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-08 Date Collected: 06/18/24 10:10

Client ID: TB-DOC45-061824-1010 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3150		mg/kg	8.17	2.20	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Antimony, Total	1.31	J	mg/kg	4.08	0.310	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Arsenic, Total	17.8		mg/kg	0.817	0.170	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Barium, Total	34.8		mg/kg	0.817	0.142	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.226	J	mg/kg	0.408	0.027	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.817	0.080	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Calcium, Total	69100		mg/kg	8.17	2.86	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Chromium, Total	7.69		mg/kg	0.817	0.078	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.46		mg/kg	1.63	0.136	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Copper, Total	59.2		mg/kg	0.817	0.211	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Iron, Total	12100		mg/kg	4.08	0.738	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Lead, Total	147		mg/kg	4.08	0.219	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Magnesium, Total	12000		mg/kg	8.17	1.26	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Manganese, Total	303		mg/kg	0.817	0.130	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Mercury, Total	0.409		mg/kg	0.068	0.044	1	06/25/24 01:32	06/25/24 10:46	EPA 7471B	1,7471B	MJR
Nickel, Total	7.97		mg/kg	2.04	0.198	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Potassium, Total	404		mg/kg	204	11.8	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.63	0.211	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.408	0.231	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Sodium, Total	90.6	J	mg/kg	163	2.57	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.63	0.257	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Vanadium, Total	12.7		mg/kg	0.817	0.166	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC
Zinc, Total	83.2		mg/kg	4.08	0.239	2	06/25/24 00:34	06/25/24 10:48	EPA 3050B	1,6010D	DMC

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-09 Date Collected: 06/18/24 10:30

Client ID: TB-DOC46-061824-1030 Date Received: 06/18/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4050		mg/kg	8.18	2.21	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Antimony, Total	0.861	J	mg/kg	4.09	0.311	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Arsenic, Total	11.1		mg/kg	0.818	0.170	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Barium, Total	50.6		mg/kg	0.818	0.142	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.315	J	mg/kg	0.409	0.027	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.406	J	mg/kg	0.818	0.080	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Calcium, Total	23800		mg/kg	8.18	2.86	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Chromium, Total	11.4		mg/kg	0.818	0.079	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.88		mg/kg	1.64	0.136	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Copper, Total	76.4		mg/kg	0.818	0.211	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Iron, Total	12600		mg/kg	4.09	0.738	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Lead, Total	286		mg/kg	4.09	0.219	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Magnesium, Total	10100		mg/kg	8.18	1.26	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Manganese, Total	394		mg/kg	0.818	0.130	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Mercury, Total	0.534		mg/kg	0.072	0.047	1	06/25/24 01:32	06/25/24 10:56	EPA 7471B	1,7471B	MJR
Nickel, Total	11.2		mg/kg	2.04	0.198	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Potassium, Total	508		mg/kg	204	11.8	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.64	0.211	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Silver, Total	0.285	J	mg/kg	0.409	0.231	2	06/25/24 00:34	06/25/24 15:41	EPA 3050B	1,6010D	DHL
Sodium, Total	65.0	J	mg/kg	164	2.58	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.64	0.258	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Vanadium, Total	16.8		mg/kg	0.818	0.166	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC
Zinc, Total	155		mg/kg	4.09	0.240	2	06/25/24 00:34	06/25/24 11:54	EPA 3050B	1,6010D	DMC

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2434436

Project Number: 0200336-002 **Report Date:** 06/25/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-09 Batch: WG1937869-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Iron, Total	0.764	J	mg/kg	2.00	0.361	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/25/24 00:34	06/25/24 08:02	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-09 Batch: WG1937871-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/25/24 01:32	06/25/24 09:43	1,7471B	MJR

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2434436
Project Number: 0200336-002
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1937869-2								
Aluminum, Total	114		-		80-120	-		
Antimony, Total	100		-		80-120	-		
Arsenic, Total	99		-		80-120	-		
Barium, Total	109		-		80-120	-		
Beryllium, Total	111		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Calcium, Total	110		-		80-120	-		
Chromium, Total	109		-		80-120	-		
Cobalt, Total	98		-		80-120	-		
Copper, Total	113		-		80-120	-		
Iron, Total	110		-		80-120	-		
Lead, Total	106		-		80-120	-		
Magnesium, Total	108		-		80-120	-		
Manganese, Total	110		-		80-120	-		
Nickel, Total	100		-		80-120	-		
Potassium, Total	110		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	114		-		80-120	-		
Sodium, Total	111		-		80-120	-		
Thallium, Total	105		-		80-120	-		
Vanadium, Total	110		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2434436

Report Date: 06/25/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1937869-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1937871-2					
Mercury, Total	100	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1937869-3 WG1937869-4 QC Sample: L2434436-05 Client ID: TB-DOC42-061824-0920												
Aluminum, Total	3190	177	2940	**0**	Q	1980	**0**	Q	75-125	**39**	Q	20
Antimony, Total	3.51J	44.3	49.4	111		41.2	97		75-125	18		20
Arsenic, Total	81.9	10.6	160	**734**	Q	101	**187**	Q	75-125	**45**	Q	20
Barium, Total	41.5	177	211	96		190	87		75-125	10		20
Beryllium, Total	0.264J	4.43	4.69	106		4.42	104		75-125	6		20
Cadmium, Total	0.174J	4.7	4.66	99		4.32	96		75-125	8		20
Calcium, Total	30500	886	34500	**451**	Q	29500	**0**	Q	75-125	16		20
Chromium, Total	10.0	17.7	31.1	119		25.5	91		75-125	20		20
Cobalt, Total	4.26	44.3	44.0	90		41.2	87		75-125	7		20
Copper, Total	84.3	22.2	146	**278**	Q	98.0	**64**	Q	75-125	**39**	Q	20
Iron, Total	19400	88.6	30400	**12400**	Q	19500	118		75-125	**44**	Q	20
Lead, Total	190	47	788	**1270**	Q	182	**0**	Q	75-125	**125**	Q	20
Magnesium, Total	10100	886	9460	**0**	Q	4570	**0**	Q	75-125	**70**	Q	20
Manganese, Total	339	44.3	463	**280**	Q	370	**73**	Q	75-125	**22**	Q	20
Nickel, Total	12.6	44.3	59.9	107		49.1	86		75-125	20		20
Potassium, Total	377	886	1370	112		1150	91		75-125	17		20
Selenium, Total	ND	10.6	9.62	90		9.27	91		75-125	4		20
Silver, Total	0.383J	4.43	4.87	110		4.62	109		75-125	5		20
Sodium, Total	66.8J	886	943	106		885	104		75-125	6		20
Thallium, Total	ND	10.6	7.96	75		7.75	76		75-125	3		20
Vanadium, Total	12.2	44.3	57.9	103		53.0	96		75-125	9		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1937869-3 WG1937869-4 QC Sample: L2434436-05 Client ID: TB-DOC42-061824-0920												
Zinc, Total	109	44.3	190	**183**	Q	135	**61**	Q	75-125	**34**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1937871-3 WG1937871-4 QC Sample: L2434436-05 Client ID: TB-DOC42-061824-0920												
Mercury, Total	0.290	1.59	1.86	98		1.68	96		80-120	10		20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2434436
Report Date: 06/25/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1937869-6 QC Sample: L2434436-05 Client ID: TB-DOC42-061824-0920						
Aluminum, Total	3190	3620	mg/kg	13		20
Arsenic, Total	81.9	93.1	mg/kg	14		20
Barium, Total	41.5	46.9	mg/kg	13		20
Calcium, Total	30500	36500	mg/kg	20		20
Copper, Total	84.3	82.0	mg/kg	3		20
Iron, Total	19400	24300	mg/kg	**25**	Q	20
Lead, Total	190	211	mg/kg	11		20
Magnesium, Total	10100	12200	mg/kg	**21**	Q	20
Manganese, Total	339	354	mg/kg	4		20
Zinc, Total	109	117	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-01
Client ID: TB-DOC38-061824-0810
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/18/24 08:10
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.7		%	0.100	NA	1	-	06/19/24 13:20	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.99	0.21	1	06/25/24 11:00	06/25/24 14:36	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-02
Client ID: TB-DOC39-061824-0820
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/18/24 08:20
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	06/19/24 13:20	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/25/24 11:00	06/25/24 14:37	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-03
Client ID: TB-DOC40-061824-0850
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/18/24 08:50
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.3		%	0.100	NA	1	-	06/19/24 13:20	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.94	0.20	1	06/25/24 11:00	06/25/24 14:38	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-04
Client ID: TB-DOC41-061824-0900
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/18/24 09:00
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	06/19/24 13:20	121,2540G	ROI
Cyanide, Total	0.35	J	mg/kg	1.0	0.22	1	06/25/24 11:00	06/25/24 14:41	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-05
Client ID: TB-DOC42-061824-0920
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/18/24 09:20
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	06/19/24 13:20	121,2540G	ROI
Cyanide, Total	0.27	J	mg/kg	1.1	0.23	1	06/25/24 11:00	06/25/24 14:42	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-06
Client ID: TB-DOC43-061824-0930
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/18/24 09:30
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	06/19/24 13:20	121,2540G	ROI
Cyanide, Total	0.33	J	mg/kg	1.2	0.26	1	06/25/24 11:00	06/25/24 14:45	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-07
Client ID: TB-DOC44-061824-1000
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/18/24 10:00
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.3		%	0.100	NA	1	-	06/19/24 13:20	121,2540G	ROI
Cyanide, Total	0.24	J	mg/kg	1.0	0.22	1	06/25/24 11:00	06/25/24 14:46	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-08
Client ID: TB-DOC45-061824-1010
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/18/24 10:10
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.9		%	0.100	NA	1	-	06/19/24 13:20	121,2540G	ROI
Cyanide, Total	0.23	J	mg/kg	1.0	0.22	1	06/25/24 11:00	06/25/24 14:47	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2434436
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434436-09
Client ID: TB-DOC46-061824-1030
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/18/24 10:30
Date Received: 06/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.0		%	0.100	NA	1	-	06/19/24 13:20	121,2540G	ROI
Cyanide, Total	0.41	J	mg/kg	1.0	0.21	1	06/25/24 11:00	06/25/24 14:50	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2434436
Project Number: 0200336-002
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-08 Batch: WG1938972-1										
Cyanide, Total	ND		mg/kg	0.91	0.19	1	06/25/24 11:00	06/25/24 15:22	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 09 Batch: WG1938977-1										
Cyanide, Total	ND		mg/kg	0.91	0.19	1	06/25/24 11:00	06/25/24 15:22	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2434436

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 Batch: WG1938972-2 WG1938972-3								
Cyanide, Total	110		81		80-120	30		35
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG1938977-2 WG1938977-3								
Cyanide, Total	110		81		80-120	30		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1938972-4 WG1938972-5 QC Sample: L2434436-05 Client ID: TB-DOC42-061824-0920												
Cyanide, Total	0.27J	10	11	110		11	110		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1938977-4 WG1938977-5 QC Sample: L2434443-07 Client ID: MS Sample												
Cyanide, Total	0.29J	11	11	100		12	100		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2434436

Report Date: 06/25/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1936342-1 QC Sample: L2434436-05 Client ID: TB-DOC42-061824-0920						
Solids, Total	89.7	91.7	%	2		20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

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(*)
L2434436-01A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2434436-01B	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2434436-01C	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2434436-01D	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)
L2434436-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2434436-01F	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2434436-02A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2434436-02B	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2434436-02C	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2434436-02D	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)
L2434436-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2434436-02F	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2434436-03A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2434436-03B	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2434436-03C	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434436-03D	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)
L2434436-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2434436-03F	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2434436-04A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW-R2(14)
L2434436-04B	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-04C	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-04D	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)
L2434436-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2434436-04F	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2434436-05A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW-R2(14)
L2434436-05A1	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW-R2(14)
L2434436-05A2	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW-R2(14)
L2434436-05B	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-05B1	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-05B2	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-05C	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-05C1	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-05C2	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-05D	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)
L2434436-05D1	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)
L2434436-05D2	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434436-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2434436-05E1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2434436-05E2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2434436-05F	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2434436-05F1	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2434436-05F2	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2434436-06A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW-R2(14)
L2434436-06B	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-06C	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-06D	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)
L2434436-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2434436-06F	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2434436-07A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW-R2(14)
L2434436-07B	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-07C	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-07D	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2434436
Report Date: 06/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434436-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2434436-07F	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2434436-08A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW-R2(14)
L2434436-08B	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-08C	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-08D	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)
L2434436-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2434436-08F	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2434436-09A	Vial MeOH preserved	A	NA		4.1	Y	Absent		NYTCL-8260HLW-R2(14)
L2434436-09B	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-09C	Vial water preserved	A	NA		4.1	Y	Absent	19-JUN-24 08:38	NYTCL-8260HLW-R2(14)
L2434436-09D	Plastic 120ml unpreserved	A	NA		4.1	Y	Absent		TS(7)
L2434436-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2434436-09F	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2434436
Project Number:	0200336-002	**Report Date:**	06/25/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2434436
Project Number:	0200336-002	**Report Date:**	06/25/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2434436
Project Number:	0200336-002	**Report Date:**	06/25/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2434436
Project Number:	0200336-002	**Report Date:**	06/25/24

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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

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: 6/19/24

ALPHA Job #: L2434436

Client Information
Client: Haley & Aldrich
Address: 200 Town Centre Dr. Rochester, NY 14623
Phone: 585-359-9000
Fax:
Email: JSZUCS@haleyaldrich.com

Project Information
Project Name: 165 TROWBRIDGE St - Documentation Samples
Project Location: Rochester, NY
Project #: 0200336-002
(Use Project name as Project #)
Project Manager: J. SZUCS
ALPHAQuote #:

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

Deliverables
ASP-A
ASP-B: X
EQuIS (1 File)
EQuIS (4 File): X
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: X
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:
CC: smckenna@haleyaldrich.com kbartlett@haleyaldrich.com GWhite@haleyaldrich.com

Please specify Metals or TAL. ★ Please add 1,4 Dioxane via 8270 ★

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 VOCs 8260	TCL SVOCs 8270	TAL Metals 6010	Cyanide	1,4-Dioxane 8270				Sample Specific Comments	Total Bottles
34436-01	TB-DOC38-061824-0610	6/18/24	08:10	SO	KB	X	X	X	X	X					6
-02	TB-DOC39-061824-0620		08:20			X	X	X	X	X					6
-03	TB-DOC40-061824-0650		08:50			X	X	X	X	X					6
-04	TB-DOC41-061824-0900		09:00			X	X	X	X	X					6
-05	TB-DOC42-061824-0920		09:20			X	X	X	X	X				MS/MSD	18
-06	TB-DOC43-061824-0930		09:30			X	X	X	X	X					6
-07	TB-DOC44-061824-1000		10:00			X	X	X	X	X					6
-08	TB-DOC45-061824-1010		10:10			X	X	X	X	X					6
-09	TB-DOC46-061824-1030	↓	10:30	↓	↓	X	X	X	X	X					6
Container Type						V	A	A	A						
Preservative						F	A	A	A						

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	6/18/24 1640	Magda PACE	6/18/24 1640
Magda PACE	6/18/24 1640		6/19/24 0050

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:	L2435063
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-DOC. SAMPLES
Project Number:	0200336-002
Report Date:	07/05/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435063
Report Date: 07/05/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435063-01	TB-DOC47-062024-1140	SOIL	ROCHESTER, NY	06/20/24 11:40	06/20/24
L2435063-02	TB-DOC48-062024-1142	SOIL	ROCHESTER, NY	06/20/24 11:42	06/20/24
L2435063-03	TB-DOC49-062024-1145	SOIL	ROCHESTER, NY	06/20/24 11:45	06/20/24
L2435063-04	TB-DOC50-062024-1150	SOIL	ROCHESTER, NY	06/20/24 11:50	06/20/24

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2435063
Project Number:	0200336-002	**Report Date:**	07/05/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2435063
Project Number:	0200336-002	**Report Date:**	07/05/24

Case Narrative (continued)

Report Submission

July 05, 2024: This final report includes the results of all requested analyses.

June 28, 2024: This is a preliminary report.

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

Sample Receipt

L2435063-02: The analyses of Semivolatile Organics and Total Metals were requested on the Chain of Custody; however, sample containers were not received. This was verified by the client.

Volatile Organics

The WG1940221-3 LCS recovery, associated with L2435063-01, -02, and -04, is below the individual acceptance criteria for 2-butanone (69%), but within the overall method allowances. The results of the associated samples are reported; however, all results for this compound are considered to have a potentially low bias.

Semivolatile Organics

L2435063-01: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

Perfluorinated Alkyl Acids by 1633

L2435063-03, WG1941885-2, and WG1941885-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2435063
Project Number:	0200336-002	**Report Date:**	07/05/24

Case Narrative (continued)

Pesticides

L2435063-03: One or more dual column RPDs are above the acceptance criteria; however, obvious column interferences are present. The result is qualified with a "P" if the higher of the two results is reported. The result is qualified with an "IP" if the lower of the two results is reported.

Total Metals

L2435063-01 and -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1939328-1 Method Blank, associated with L2435063-01 and -04, has a concentration above the reporting limit for iron . Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 07/05/24

ORGANICS

VOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-01
Client ID: TB-DOC47-062024-1140
Sample Location: ROCHESTER, NY

Date Collected: 06/20/24 11:40
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/26/24 16:40
Analyst: RAW
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.88	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.88	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.88	0.11	1
Dibromochloromethane	ND		ug/kg	0.88	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	0.23	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.88	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.14	1
Benzene	ND		ug/kg	0.44	0.14	1
Toluene	ND		ug/kg	0.88	0.48	1
Ethylbenzene	ND		ug/kg	0.88	0.12	1
Chloromethane	ND		ug/kg	3.5	0.82	1
Bromomethane	ND		ug/kg	1.8	0.51	1
Vinyl chloride	ND		ug/kg	0.88	0.29	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.88	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-01 Date Collected: 06/20/24 11:40

Client ID: TB-DOC47-062024-1140 Date Received: 06/20/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.49	1
o-Xylene	ND		ug/kg	0.88	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.88	0.15	1
Styrene	ND		ug/kg	0.88	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.8	0.80	1
Acetone	11		ug/kg	8.8	4.2	1
Carbon disulfide	ND		ug/kg	8.8	4.0	1
2-Butanone	ND		ug/kg	8.8	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	1.1	1
2-Hexanone	ND		ug/kg	8.8	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.88	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.87	1
Isopropylbenzene	ND		ug/kg	0.88	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
Methyl Acetate	ND		ug/kg	3.5	0.83	1
Cyclohexane	ND		ug/kg	8.8	0.48	1
1,4-Dioxane	ND		ug/kg	70	31.	1
Freon-113	ND		ug/kg	3.5	0.61	1
Methyl cyclohexane	ND		ug/kg	3.5	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	98		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-02
Client ID: TB-DOC48-062024-1142
Sample Location: ROCHESTER, NY

Date Collected: 06/20/24 11:42
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/26/24 17:06
Analyst: RAW
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-02 Date Collected: 06/20/24 11:42

Client ID: TB-DOC48-062024-1142 Date Received: 06/20/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	10		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
Methyl Acetate	ND		ug/kg	4.1	0.97	1
Cyclohexane	ND		ug/kg	10	0.56	1
1,4-Dioxane	ND		ug/kg	82	36.	1
Freon-113	ND		ug/kg	4.1	0.71	1
Methyl cyclohexane	ND		ug/kg	4.1	0.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	97		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-04
Client ID: TB-DOC50-062024-1150
Sample Location: ROCHESTER, NY

Date Collected: 06/20/24 11:50
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/26/24 17:32
Analyst: RAW
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.12	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-04 Date Collected: 06/20/24 11:50

Client ID: TB-DOC50-062024-1150 Date Received: 06/20/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.85	1
Acetone	17		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.2	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	99		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 09:15
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04 Batch: WG1940221-5					
Methylene chloride	2.7	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.26	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 09:15
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04 Batch: WG1940221-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/26/24 09:15
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04 Batch: WG1940221-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1940221-3 WG1940221-4								
Methylene chloride	84		86		70-130	2		30
1,1-Dichloroethane	88		88		70-130	0		30
Chloroform	81		86		70-130	6		30
Carbon tetrachloride	81		86		70-130	6		30
1,2-Dichloropropane	86		92		70-130	7		30
Dibromochloromethane	83		88		70-130	6		30
1,1,2-Trichloroethane	81		86		70-130	6		30
Tetrachloroethene	88		92		70-130	4		30
Chlorobenzene	87		93		70-130	7		30
Trichlorofluoromethane	93		92		70-139	1		30
1,2-Dichloroethane	79		84		70-130	6		30
1,1,1-Trichloroethane	84		88		70-130	5		30
Bromodichloromethane	79		84		70-130	6		30
trans-1,3-Dichloropropene	86		92		70-130	7		30
cis-1,3-Dichloropropene	83		89		70-130	7		30
Bromoform	78		82		70-130	5		30
1,1,2,2-Tetrachloroethane	84		88		70-130	5		30
Benzene	88		92		70-130	4		30
Toluene	87		92		70-130	6		30
Ethylbenzene	87		92		70-130	6		30
Chloromethane	73		73		52-130	0		30
Bromomethane	117		107		57-147	9		30
Vinyl chloride	97		98		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435063
Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1940221-3 WG1940221-4								
Chloroethane	106		106		50-151	0		30
1,1-Dichloroethene	86		89		65-135	3		30
trans-1,2-Dichloroethene	86		87		70-130	1		30
Trichloroethene	81		86		70-130	6		30
1,2-Dichlorobenzene	89		93		70-130	4		30
1,3-Dichlorobenzene	92		95		70-130	3		30
1,4-Dichlorobenzene	90		94		70-130	4		30
Methyl tert butyl ether	83		85		66-130	2		30
p/m-Xylene	89		94		70-130	5		30
o-Xylene	87		91		70-130	4		30
cis-1,2-Dichloroethene	84		88		70-130	5		30
Styrene	88		94		70-130	7		30
Dichlorodifluoromethane	80		81		30-146	1		30
Acetone	86		86		54-140	0		30
Carbon disulfide	86		88		59-130	2		30
2-Butanone	**69**	Q	78		70-130	12		30
4-Methyl-2-pentanone	86		94		70-130	9		30
2-Hexanone	73		82		70-130	12		30
Bromochloromethane	84		86		70-130	2		30
1,2-Dibromoethane	80		85		70-130	6		30
1,2-Dibromo-3-chloropropane	79		85		68-130	7		30
Isopropylbenzene	90		93		70-130	3		30
1,2,3-Trichlorobenzene	90		97		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435063
Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1940221-3 WG1940221-4								
1,2,4-Trichlorobenzene	99		106		70-130	7		30
Methyl Acetate	73		74		51-146	1		30
Cyclohexane	92		95		59-142	3		30
1,4-Dioxane	96		104		65-136	8		30
Freon-113	96		96		50-139	0		30
Methyl cyclohexane	86		91		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		89		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	94		93		70-130

SEMIVOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-01
Client ID: TB-DOC47-062024-1140
Sample Location: ROCHESTER, NY

Date Collected: 06/20/24 11:40
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/27/24 15:42
Analyst: JG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	74	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	3100		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	220		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	39000	E	ug/kg	180	47.	1
Di-n-butylphthalate	88	J	ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	1900		ug/kg	110	21.	1
Benzo(a)pyrene	1900		ug/kg	150	45.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-01 Date Collected: 06/20/24 11:40

Client ID: TB-DOC47-062024-1140 Date Received: 06/20/24

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						
Benzo(b)fluoranthene	2400		ug/kg	110	31.	1
Benzo(k)fluoranthene	740		ug/kg	110	30.	1
Chrysene	1800		ug/kg	110	19.	1
Acenaphthylene	300		ug/kg	150	29.	1
Anthracene	480		ug/kg	110	36.	1
Benzo(ghi)perylene	1200		ug/kg	150	22.	1
Fluorene	120	J	ug/kg	180	18.	1
Phenanthrene	1500		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	250		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1100		ug/kg	150	26.	1
Pyrene	3100		ug/kg	110	18.	1
Biphenyl	30	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	75	J	ug/kg	180	18.	1
2-Methylnaphthalene	180	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	100	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-01 Date Collected: 06/20/24 11:40

Client ID: TB-DOC47-062024-1140 Date Received: 06/20/24

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						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	60		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2435063
Project Number: 0200336-002
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-01 D
Client ID: TB-DOC47-062024-1140
Sample Location: ROCHESTER, NY

Date Collected: 06/20/24 11:40
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 15:09
Analyst: JG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Butyl benzyl phthalate	29000		ug/kg	1800	470	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-03
Client ID: TB-DOC49-062024-1145
Sample Location: ROCHESTER, NY

Date Collected: 06/20/24 11:45
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/27/24 16:05
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	53		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-03
Client ID: TB-DOC49-062024-1145
Sample Location: ROCHESTER, NY

Date Collected: 06/20/24 11:45
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/02/24 17:37
Analyst: AC
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 07/01/24 19:10
Cleanup Method: EPA 1633
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.107	J	ng/g	0.776	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.388	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.194	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.776	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.194	0.045	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.194	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.030	J	ng/g	0.194	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.194	0.057	1
Perfluorooctanoic Acid (PFOA)	0.056	J	ng/g	0.194	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.776	0.271	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.194	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.194	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	0.573		ng/g	0.194	0.077	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.194	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.776	0.375	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.194	0.041	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.194	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.194	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.194	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.194	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.194	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.194	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.194	0.051	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.194	0.103	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.776	0.095	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.776	0.142	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.194	0.037	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-03 Date Collected: 06/20/24 11:45

Client ID: TB-DOC49-062024-1145 Date Received: 06/20/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.776	0.190	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.776	0.162	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.194	0.097	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.194	0.108	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.94	0.243	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.94	0.495	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.388	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.388	0.030	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.388	0.081	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.388	0.092	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.970	0.140	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.85	0.489	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.85	1.71	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-03 Date Collected: 06/20/24 11:45

Client ID: TB-DOC49-062024-1145 Date Received: 06/20/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	74		48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	73		48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	93		23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	62		35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	75		50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	101		48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	73		51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	68		47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	107		10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**175**	Q	10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68		38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70		22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	102		10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47		15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	57		45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	48		10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	51		10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	61		10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	62		13-116

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2435063
Project Number: 0200336-002
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-04
Client ID: TB-DOC50-062024-1150
Sample Location: ROCHESTER, NY

Date Collected: 06/20/24 11:50
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 07:36
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 03:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	6200		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	450		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	84	J	ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	3700		ug/kg	110	20.	1
Benzo(a)pyrene	3400		ug/kg	140	44.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-04 Date Collected: 06/20/24 11:50

Client ID: TB-DOC50-062024-1150 Date Received: 06/20/24

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						
Benzo(b)fluoranthene	5600		ug/kg	110	30.	1
Benzo(k)fluoranthene	1500		ug/kg	110	29.	1
Chrysene	3900		ug/kg	110	19.	1
Acenaphthylene	600		ug/kg	140	28.	1
Anthracene	1200		ug/kg	110	35.	1
Benzo(ghi)perylene	2100		ug/kg	140	21.	1
Fluorene	230		ug/kg	180	18.	1
Phenanthrene	1600		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	530		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2200		ug/kg	140	25.	1
Pyrene	5000		ug/kg	110	18.	1
Biphenyl	58	J	ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	190		ug/kg	180	17.	1
2-Methylnaphthalene	260		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	230		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-04 Date Collected: 06/20/24 11:50

Client ID: TB-DOC50-062024-1150 Date Received: 06/20/24

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						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	45		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 07:53
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1939970-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 07:53
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1939970-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 07:53
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/26/24 23:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1939970-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	72		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/02/24 15:54
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/01/24 19:10
Cleanup Method: EPA 1633
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1941885-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/02/24 15:54
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/01/24 19:10
Cleanup Method: EPA 1633
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1941885-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/02/24 15:54
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/01/24 19:10
Cleanup Method: EPA 1633
Cleanup Date: 07/02/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1941885-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78		48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	115		23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	63		35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76		50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103		48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	94		19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75		47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85		10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	145		10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	67		38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67		22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	74		10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	57		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	27		15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	59		45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	39		10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	35		10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	44		10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	52		13-116

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435063
Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1939970-2 WG1939970-3								
Acenaphthene	72		75		31-137	4		50
Hexachlorobenzene	67		70		40-140	4		50
Bis(2-chloroethyl)ether	74		81		40-140	9		50
2-Chloronaphthalene	75		78		40-140	4		50
3,3'-Dichlorobenzidine	75		72		40-140	4		50
2,4-Dinitrotoluene	85		89		40-132	5		50
2,6-Dinitrotoluene	86		92		40-140	7		50
Fluoranthene	74		76		40-140	3		50
4-Chlorophenyl phenyl ether	70		76		40-140	8		50
4-Bromophenyl phenyl ether	74		75		40-140	1		50
Bis(2-chloroisopropyl)ether	90		99		40-140	10		50
Bis(2-chloroethoxy)methane	81		88		40-117	8		50
Hexachlorobutadiene	72		79		40-140	9		50
Hexachlorocyclopentadiene	87		94		40-140	8		50
Hexachloroethane	72		83		40-140	14		50
Isophorone	78		84		40-140	7		50
Naphthalene	73		78		40-140	7		50
Nitrobenzene	78		87		40-140	11		50
NDPA/DPA	74		76		36-157	3		50
n-Nitrosodi-n-propylamine	77		84		32-121	9		50
Bis(2-ethylhexyl)phthalate	91		96		40-140	5		50
Butyl benzyl phthalate	90		90		40-140	0		50
Di-n-butylphthalate	76		79		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435063
Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1939970-2 WG1939970-3								
Di-n-octylphthalate	96		99		40-140	3		50
Diethyl phthalate	73		75		40-140	3		50
Dimethyl phthalate	76		80		40-140	5		50
Benzo(a)anthracene	78		82		40-140	5		50
Benzo(a)pyrene	80		83		40-140	4		50
Benzo(b)fluoranthene	80		84		40-140	5		50
Benzo(k)fluoranthene	76		79		40-140	4		50
Chrysene	79		85		40-140	7		50
Acenaphthylene	72		76		40-140	5		50
Anthracene	75		78		40-140	4		50
Benzo(ghi)perylene	74		77		40-140	4		50
Fluorene	73		75		40-140	3		50
Phenanthrene	72		75		40-140	4		50
Dibenzo(a,h)anthracene	75		78		40-140	4		50
Indeno(1,2,3-cd)pyrene	75		79		40-140	5		50
Pyrene	75		77		35-142	3		50
Biphenyl	75		80		37-127	6		50
4-Chloroaniline	78		90		40-140	14		50
2-Nitroaniline	93		97		47-134	4		50
3-Nitroaniline	76		76		26-129	0		50
4-Nitroaniline	78		80		41-125	3		50
Dibenzofuran	71		73		40-140	3		50
2-Methylnaphthalene	78		82		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1939970-2 WG1939970-3								
1,2,4,5-Tetrachlorobenzene	76		81		40-117	6		50
Acetophenone	79		86		14-144	8		50
2,4,6-Trichlorophenol	82		87		30-130	6		50
p-Chloro-m-cresol	81		88		26-103	8		50
2-Chlorophenol	78		83		25-102	6		50
2,4-Dichlorophenol	80		87		30-130	8		50
2,4-Dimethylphenol	91		97		30-130	6		50
2-Nitrophenol	93		100		30-130	7		50
4-Nitrophenol	94		98		11-114	4		50
2,4-Dinitrophenol	73		89		4-130	20		50
4,6-Dinitro-o-cresol	88		96		10-130	9		50
Pentachlorophenol	70		71		17-109	1		50
Phenol	73		79		26-90	8		50
2-Methylphenol	83		90		30-130.	8		50
3-Methylphenol/4-Methylphenol	88		96		30-130	9		50
2,4,5-Trichlorophenol	84		89		30-130	6		50
Carbazole	75		78		54-128	4		50
Atrazine	79		81		40-140	3		50
Benzaldehyde	72		81		40-140	12		50
Caprolactam	123		129		15-130	5		50
2,3,4,6-Tetrachlorophenol	84		86		40-140	2		50
1,4-Dioxane	58		71		40-140	20		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1939970-2 WG1939970-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		87		25-120
Phenol-d6	78		83		10-120
Nitrobenzene-d5	78		82		23-120
2-Fluorobiphenyl	72		76		30-120
2,4,6-Tribromophenol	63		63		10-136
4-Terphenyl-d14	68		68		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435063
Report Date: 07/05/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1941885-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	105		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	106		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	103		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	102		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	104		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	106		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	120		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	98		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	87		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	109		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	102		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	110		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	103		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	122		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	105		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	107		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	105		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	119		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	91		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	105		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	140		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	113		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1941885-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	124		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	131		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	103		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	123		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	44		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	121		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	111		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	105		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	103		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	100		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	112		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	101		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	105		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	110		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	75		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	80		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	107		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	107		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

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

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1941885-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	79				46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78				48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84				48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	105				23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81				48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	66				35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80				50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	**112**	Q			48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97				19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82				48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	73				47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	73				10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**163**	Q			10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71				38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66				22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62				10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	57				33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	24				15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	59				45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	34				10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	30				10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	47				10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	48				13-116

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1941885-3								
Perfluorobutanoic Acid (PFBA)	100		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	101		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	99		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	97		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	105		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	118		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	95		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	79		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	101		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	102		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	114		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	104		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	99		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	97		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	113		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	93		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	109		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	103		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	97		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	107		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	110		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1941885-3								
Perfluorotridecanoic Acid (PFTrDA)	137		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	122		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	102		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	125		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	79		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	124		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	118		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	103		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	101		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	104		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	103		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	99		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	101		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	104		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	76		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	86		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	108		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	114		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1941885-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76				46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76				48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84				48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	95				23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79				48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	65				35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78				50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	104				48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92				19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76				48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	76				51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75				47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78				10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**175**	Q			10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	66				38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69				22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	70				10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	60				33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	41				15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	59				45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	46				10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	45				10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	51				10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	58				13-116

PCBS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-03
Client ID: TB-DOC49-062024-1145
Sample Location: ROCHESTER, NY

Date Collected: 06/20/24 11:45
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/24 20:52
Analyst: AD
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 00:34
Cleanup Method: EPA 3665A
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.0	5.06	1	A
Aroclor 1221	ND		ug/kg	57.0	5.71	1	A
Aroclor 1232	ND		ug/kg	57.0	12.1	1	A
Aroclor 1242	ND		ug/kg	57.0	7.68	1	A
Aroclor 1248	ND		ug/kg	57.0	8.54	1	A
Aroclor 1254	13.6	J	ug/kg	57.0	6.23	1	A
Aroclor 1260	16.9	J	ug/kg	57.0	10.5	1	A
Aroclor 1262	ND		ug/kg	57.0	7.23	1	A
Aroclor 1268	ND		ug/kg	57.0	5.90	1	A
PCBs, Total	30.5	J	ug/kg	57.0	5.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/27/24 12:39
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/27/24 00:34
Cleanup Method: EPA 3665A
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03 Batch: WG1939981-1						
Aroclor 1016	ND		ug/kg	47.6	4.23	A
Aroclor 1221	ND		ug/kg	47.6	4.77	A
Aroclor 1232	ND		ug/kg	47.6	10.1	A
Aroclor 1242	ND		ug/kg	47.6	6.42	A
Aroclor 1248	ND		ug/kg	47.6	7.14	A
Aroclor 1254	ND		ug/kg	47.6	5.21	A
Aroclor 1260	ND		ug/kg	47.6	8.80	A
Aroclor 1262	ND		ug/kg	47.6	6.05	A
Aroclor 1268	ND		ug/kg	47.6	4.93	A
PCBs, Total	ND		ug/kg	47.6	4.23	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03 Batch: WG1939981-2 WG1939981-3									
Aroclor 1016	71		85		40-140	18		50	A
Aroclor 1260	72		83		40-140	14		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		76		30-150	A
Decachlorobiphenyl	78		92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		82		30-150	B
Decachlorobiphenyl	78		93		30-150	B

PESTICIDES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-03
Client ID: TB-DOC49-062024-1145
Sample Location: ROCHESTER, NY

Date Collected: 06/20/24 11:45
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/28/24 12:28
Analyst: KB
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.747	0.334	1	A
Alpha-BHC	ND		ug/kg	0.747	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.679	1	A
Heptachlor	ND		ug/kg	0.896	0.402	1	A
Aldrin	ND		ug/kg	1.79	0.631	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.747	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.784	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	ND		ug/kg	1.12	0.560	1	A
4,4'-DDE	1.10	J	ug/kg	1.79	0.414	1	B
4,4'-DDD	ND		ug/kg	1.79	0.639	1	A
4,4'-DDT	1.73	JIP	ug/kg	1.79	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.599	1	A
Endosulfan sulfate	ND		ug/kg	0.747	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.41	1	A
cis-Chlordane	ND		ug/kg	2.24	0.624	1	A
trans-Chlordane	1.60	J	ug/kg	2.24	0.591	1	A
Chlordane	ND		ug/kg	14.9	5.94	1	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-03 Date Collected: 06/20/24 11:45

Client ID: TB-DOC49-062024-1145 Date Received: 06/20/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2435063
Project Number: 0200336-002
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-03
Client ID: TB-DOC49-062024-1145
Sample Location: ROCHESTER, NY

Date Collected: 06/20/24 11:45
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/27/24 22:14
Analyst: AKM
Percent Solids: 86%
Methylation Date: 06/27/24 12:00

Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	193	12.1	1	A
2,4,5-T	ND		ug/kg	193	5.98	1	A
2,4,5-TP (Silvex)	ND		ug/kg	193	5.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	77		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/27/24 13:14
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1939743-1						
Delta-BHC	ND		ug/kg	1.50	0.294	A
Lindane	ND		ug/kg	0.626	0.280	A
Alpha-BHC	ND		ug/kg	0.626	0.178	A
Beta-BHC	ND		ug/kg	1.50	0.570	A
Heptachlor	ND		ug/kg	0.751	0.337	A
Aldrin	ND		ug/kg	1.50	0.529	A
Heptachlor epoxide	ND		ug/kg	2.82	0.845	A
Endrin	ND		ug/kg	0.626	0.257	A
Endrin aldehyde	ND		ug/kg	1.88	0.657	A
Endrin ketone	ND		ug/kg	1.50	0.387	A
Dieldrin	ND		ug/kg	0.939	0.470	A
4,4'-DDE	ND		ug/kg	1.50	0.348	A
4,4'-DDD	ND		ug/kg	1.50	0.536	A
4,4'-DDT	ND		ug/kg	1.50	1.21	A
Endosulfan I	ND		ug/kg	1.50	0.355	A
Endosulfan II	ND		ug/kg	1.50	0.502	A
Endosulfan sulfate	ND		ug/kg	0.626	0.298	A
Methoxychlor	ND		ug/kg	2.82	0.877	A
Toxaphene	ND		ug/kg	28.2	7.89	A
cis-Chlordane	ND		ug/kg	1.88	0.523	A
trans-Chlordane	ND		ug/kg	1.88	0.496	A
Chlordane	ND		ug/kg	12.5	4.98	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/27/24 13:14
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 06/26/24 14:07
Cleanup Method: EPA 3620B
Cleanup Date: 06/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1939743-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/27/24 15:33
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/26/24 17:36

Methylation Date: 06/27/24 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 03 Batch: WG1939865-1						
2,4-D	ND		ug/kg	166	10.4	A
2,4,5-T	ND		ug/kg	166	5.13	A
2,4,5-TP (Silvex)	ND		ug/kg	166	4.40	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	92		30-150	A
DCAA	90		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1939743-2 WG1939743-3									
Delta-BHC	109		106		30-150	3		30	A
Lindane	88		87		30-150	1		30	A
Alpha-BHC	86		86		30-150	0		30	A
Beta-BHC	91		91		30-150	0		30	A
Heptachlor	89		87		30-150	2		30	A
Aldrin	87		85		30-150	2		30	A
Heptachlor epoxide	81		79		30-150	3		30	A
Endrin	98		96		30-150	2		30	A
Endrin aldehyde	85		85		30-150	0		30	A
Endrin ketone	100		97		30-150	3		30	A
Dieldrin	98		94		30-150	4		30	A
4,4'-DDE	92		88		30-150	4		30	A
4,4'-DDD	101		97		30-150	4		30	A
4,4'-DDT	97		94		30-150	3		30	A
Endosulfan I	89		85		30-150	5		30	A
Endosulfan II	94		90		30-150	4		30	A
Endosulfan sulfate	92		90		30-150	2		30	A
Methoxychlor	113		110		30-150	3		30	A
cis-Chlordane	81		78		30-150	4		30	A
trans-Chlordane	75		74		30-150	1		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1939743-2 WG1939743-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		68		30-150	A
Decachlorobiphenyl	68		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		79		30-150	B
Decachlorobiphenyl	92		86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1939865-2 WG1939865-3									
2,4-D	87		80		30-150	8		30	A
2,4,5-T	93		82		30-150	13		30	A
2,4,5-TP (Silvex)	80		70		30-150	13		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	98		86		30-150	A
DCAA	101		92		30-150	B

METALS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-01 Date Collected: 06/20/24 11:40

Client ID: TB-DOC47-062024-1140 Date Received: 06/20/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4040		mg/kg	8.73	2.36	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Antimony, Total	0.803	J	mg/kg	4.36	0.332	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Arsenic, Total	7.89		mg/kg	0.873	0.182	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Barium, Total	43.7		mg/kg	0.873	0.152	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.194	J	mg/kg	0.436	0.029	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Cadmium, Total	1.18		mg/kg	0.873	0.086	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Calcium, Total	31900		mg/kg	8.73	3.06	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Chromium, Total	11.5		mg/kg	0.873	0.084	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.75		mg/kg	1.74	0.145	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Copper, Total	61.0		mg/kg	0.873	0.225	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Iron, Total	14800		mg/kg	4.36	0.788	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Lead, Total	112		mg/kg	4.36	0.234	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Magnesium, Total	8420		mg/kg	8.73	1.34	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Manganese, Total	342		mg/kg	0.873	0.139	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Mercury, Total	0.582		mg/kg	0.085	0.055	1	06/26/24 01:45	06/27/24 09:40	EPA 7471B	1,7471B	JWN
Nickel, Total	18.8		mg/kg	2.18	0.211	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Potassium, Total	403		mg/kg	218	12.6	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.74	0.225	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Silver, Total	0.269	J	mg/kg	0.436	0.247	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Sodium, Total	67.7	J	mg/kg	174	2.75	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.74	0.275	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Vanadium, Total	13.0		mg/kg	0.873	0.177	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC
Zinc, Total	190		mg/kg	4.36	0.256	2	06/26/24 00:41	06/26/24 22:22	EPA 3050B	1,6010D	DMC

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-04 Date Collected: 06/20/24 11:50

Client ID: TB-DOC50-062024-1150 Date Received: 06/20/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3910		mg/kg	8.65	2.34	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Antimony, Total	0.338	J	mg/kg	4.32	0.329	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Arsenic, Total	11.5		mg/kg	0.865	0.180	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Barium, Total	42.6		mg/kg	0.865	0.150	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.186	J	mg/kg	0.432	0.029	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.277	J	mg/kg	0.865	0.085	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Calcium, Total	36200		mg/kg	8.65	3.03	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Chromium, Total	12.5		mg/kg	0.865	0.083	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.95		mg/kg	1.73	0.144	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Copper, Total	37.1		mg/kg	0.865	0.223	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Iron, Total	12900		mg/kg	4.32	0.781	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Lead, Total	157		mg/kg	4.32	0.232	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Magnesium, Total	9040		mg/kg	8.65	1.33	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Manganese, Total	349		mg/kg	0.865	0.138	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Mercury, Total	0.383		mg/kg	0.081	0.053	1	06/26/24 01:45	06/27/24 09:44	EPA 7471B	1,7471B	JWN
Nickel, Total	8.00		mg/kg	2.16	0.209	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Potassium, Total	389		mg/kg	216	12.4	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Selenium, Total	0.475	J	mg/kg	1.73	0.223	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.432	0.245	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Sodium, Total	67.3	J	mg/kg	173	2.72	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.73	0.272	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Vanadium, Total	12.7		mg/kg	0.865	0.176	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC
Zinc, Total	128		mg/kg	4.32	0.253	2	06/26/24 00:41	06/26/24 22:27	EPA 3050B	1,6010D	DMC

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435063

Project Number: 0200336-002 **Report Date:** 07/05/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,04 Batch: WG1939328-1										
Aluminum, Total	1.20	J	mg/kg	4.00	1.08	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Calcium, Total	1.85	J	mg/kg	4.00	1.40	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Iron, Total	2.11		mg/kg	2.00	0.361	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Magnesium, Total	0.723	J	mg/kg	4.00	0.616	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Manganese, Total	0.185	J	mg/kg	0.400	0.064	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC
Zinc, Total	0.185	J	mg/kg	2.00	0.117	1	06/26/24 00:41	06/26/24 19:29	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,04 Batch: WG1939329-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/26/24 01:45	06/27/24 08:04	1,7471B	JWN

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04 Batch: WG1939328-2								
Aluminum, Total	109		-		80-120	-		
Antimony, Total	101		-		80-120	-		
Arsenic, Total	99		-		80-120	-		
Barium, Total	113		-		80-120	-		
Beryllium, Total	104		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Calcium, Total	109		-		80-120	-		
Chromium, Total	106		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	112		-		80-120	-		
Iron, Total	110		-		80-120	-		
Lead, Total	104		-		80-120	-		
Magnesium, Total	112		-		80-120	-		
Manganese, Total	105		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Potassium, Total	109		-		80-120	-		
Selenium, Total	103		-		80-120	-		
Silver, Total	110		-		80-120	-		
Sodium, Total	113		-		80-120	-		
Thallium, Total	104		-		80-120	-		
Vanadium, Total	104		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04 Batch: WG1939328-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,04 Batch: WG1939329-2					
Mercury, Total	100	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435063
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04 QC Batch ID: WG1939328-3 QC Sample: L2434942-02 Client ID: MS Sample												
Aluminum, Total	10500	169	10400	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	42.2	34.8	82		-	-		75-125	-		20
Arsenic, Total	6.12	10.1	16.7	104		-	-		75-125	-		20
Barium, Total	37.5	169	195	93		-	-		75-125	-		20
Beryllium, Total	0.307J	4.22	3.97	94		-	-		75-125	-		20
Cadmium, Total	ND	4.47	4.22	94		-	-		75-125	-		20
Calcium, Total	557	844	1320	90		-	-		75-125	-		20
Chromium, Total	14.1	16.9	29.2	89		-	-		75-125	-		20
Cobalt, Total	7.06	42.2	47.8	96		-	-		75-125	-		20
Copper, Total	12.3	21.1	36.0	112		-	-		75-125	-		20
Iron, Total	13800	84.4	14900	**1300**	Q	-	-		75-125	-		20
Lead, Total	18.4	44.7	68.7	112		-	-		75-125	-		20
Magnesium, Total	2220	844	2940	85		-	-		75-125	-		20
Manganese, Total	204	42.2	263	**140**	Q	-	-		75-125	-		20
Nickel, Total	10.7	42.2	50.0	93		-	-		75-125	-		20
Potassium, Total	422	844	1180	90		-	-		75-125	-		20
Selenium, Total	0.268J	10.1	9.43	93		-	-		75-125	-		20
Silver, Total	ND	4.22	4.13	98		-	-		75-125	-		20
Sodium, Total	28.6J	844	826	98		-	-		75-125	-		20
Thallium, Total	ND	10.1	9.07	90		-	-		75-125	-		20
Vanadium, Total	23.5	42.2	62.5	92		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435063
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04 QC Batch ID: WG1939328-3 QC Sample: L2434942-02 Client ID: MS Sample									
Zinc, Total	35.4	42.2	76.6	98	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,04 QC Batch ID: WG1939329-3 QC Sample: L2434942-02 Client ID: MS Sample									
Mercury, Total	0.068J	1.59	1.67	105	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04 QC Batch ID: WG1939328-4 QC Sample: L2434942-02 Client ID: DUP Sample						
Aluminum, Total	10500	9080	mg/kg	15		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	6.12	5.79	mg/kg	6		20
Barium, Total	37.5	32.8	mg/kg	13		20
Beryllium, Total	0.307J	0.305J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	557	487	mg/kg	13		20
Chromium, Total	14.1	12.6	mg/kg	11		20
Cobalt, Total	7.06	6.44	mg/kg	9		20
Copper, Total	12.3	12.6	mg/kg	2		20
Iron, Total	13800	13200	mg/kg	4		20
Lead, Total	18.4	21.7	mg/kg	16		20
Magnesium, Total	2220	1990	mg/kg	11		20
Manganese, Total	204	196	mg/kg	4		20
Nickel, Total	10.7	9.20	mg/kg	15		20
Potassium, Total	422	366	mg/kg	14		20
Selenium, Total	0.268J	0.266J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	28.6J	25.6J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04 QC Batch ID: WG1939328-4 QC Sample: L2434942-02 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	23.5	22.6	mg/kg	4	20
Zinc, Total	35.4	31.9	mg/kg	10	20
Total Metals - Mansfield Lab Associated sample(s): 01,04 QC Batch ID: WG1939329-4 QC Sample: L2434942-02 Client ID: DUP Sample					
Mercury, Total	0.068J	0.068J	mg/kg	NC	20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2435063
Report Date: 07/05/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04 QC Batch ID: WG1939328-6 QC Sample: L2434942-02 Client ID: DUP Sample						
Aluminum, Total	10500	11000	mg/kg	5		20
Barium, Total	37.5	39.7	mg/kg	6		20
Calcium, Total	557	610	mg/kg	10		20
Iron, Total	13800	15400	mg/kg	12		20
Magnesium, Total	2220	2360	mg/kg	6		20
Manganese, Total	204	223	mg/kg	9		20
Vanadium, Total	23.5	24.9	mg/kg	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-01
Client ID: TB-DOC47-062024-1140
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/20/24 11:40
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	06/21/24 14:14	121,2540G	ROI
Cyanide, Total	0.36	J	mg/kg	1.0	0.22	1	06/26/24 20:10	06/27/24 16:08	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-02
Client ID: TB-DOC48-062024-1142
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/20/24 11:42
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	06/21/24 14:14	121,2540G	ROI

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-03
Client ID: TB-DOC49-062024-1145
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/20/24 11:45
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	06/22/24 10:16	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/27/24 13:15	06/27/24 17:54	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2435063-04
Client ID: TB-DOC50-062024-1150
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/20/24 11:50
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	06/21/24 14:14	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	06/26/24 20:10	06/27/24 16:09	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,04 Batch: WG1939892-1										
Cyanide, Total	ND		mg/kg	0.95	0.20	1	06/26/24 20:10	06/27/24 15:27	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG1940278-1										
Cyanide, Total	ND		mg/kg	0.88	0.19	1	06/27/24 13:15	06/27/24 17:02	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,04 Batch: WG1939892-2 WG1939892-3								
Cyanide, Total	98		111		80-120	11		35
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG1940278-2 WG1940278-3								
Cyanide, Total	108		94		80-120	15		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435063
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,04 QC Batch ID: WG1939892-4 WG1939892-5 QC Sample: L2435025-04 Client ID: MS Sample												
Cyanide, Total	ND	10	11	110		10	100		75-125	10		35
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1940278-4 WG1940278-5 QC Sample: L2435063-03 Client ID: TB-DOC49-062024-1145												
Cyanide, Total	ND	11	11	98		11	96		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435063

Report Date: 07/05/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1937626-1 QC Sample: L2434051-01 Client ID: DUP Sample						
Solids, Total	50.2	46.2	%	8		20
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1937874-1 QC Sample: L2432914-02 Client ID: DUP Sample						
Solids, Total	72.6	74.3	%	2		20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435063
Report Date: 07/05/24

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(*)
L2435063-01A	Vial MeOH preserved	A	NA		2.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2435063-01B	Vial water preserved	A	NA		2.3	Y	Absent	21-JUN-24 11:49	NYTCL-8260HLW-R2(14)
L2435063-01C	Vial water preserved	A	NA		2.3	Y	Absent	21-JUN-24 11:49	NYTCL-8260HLW-R2(14)
L2435063-01D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2435063-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2435063-01F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2435063-02A	Vial MeOH preserved	A	NA		2.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2435063-02B	Vial water preserved	A	NA		2.3	Y	Absent	21-JUN-24 11:49	NYTCL-8260HLW-R2(14)
L2435063-02C	Vial water preserved	A	NA		2.3	Y	Absent	21-JUN-24 11:49	NYTCL-8260HLW-R2(14)
L2435063-02D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2435063-03A	Glass 500ml/16oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2435063-03B	Plastic 8oz unpreserved	A	NA		2.3	Y	Absent		A2-1633-DRAFT(90)
L2435063-03X	Glass 120ml unpreserved split	A	NA		2.3	Y	Absent		A2-ARCHIVE()
L2435063-04A	Vial MeOH preserved	A	NA		2.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2435063-04B	Vial water preserved	A	NA		2.3	Y	Absent	21-JUN-24 11:49	NYTCL-8260HLW-R2(14)
L2435063-04C	Vial water preserved	A	NA		2.3	Y	Absent	21-JUN-24 11:49	NYTCL-8260HLW-R2(14)
L2435063-04D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435063
Report Date: 07/05/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435063-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2435063-04F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435063
Report Date: 07/05/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2435063
Project Number:	0200336-002	**Report Date:**	07/05/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2435063
Project Number:	0200336-002	**Report Date:**	07/05/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2435063
Project Number:	0200336-002	**Report Date:**	07/05/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2435063
Project Number:	0200336-002	**Report Date:**	07/05/24

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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: 6/21/24

ALPHA Job #: L2435063

Client Information
Client: Haley + Aldrich
Address: 200 Town Centre Dr
Rochester NY 14623
Phone: 585-359-9000
Fax:
Email: jszucs@haleyaldrich.com

Project Information
Project Name: 65 Trowbridge St - Documentation Samples
Project Location: Rochester, NY
Project #: 0200336-002
(Use Project name as Project #)
Project Manager: J. Szucs
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

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:
cc: smckenna@haleyaldrich.com gwhite@haleyaldrich.com
kbartlett@haleyaldrich.com ★ add cyanide analysis to all samples ★

Please specify Metals or TAL.

ANALYSIS
TCL VOCs 8260
TCL SVOCs 8270
TAL Metals 6010
PCBs 8082
Pesticides 8081
Herbicides 8151
1,4-Dioxane 8270
PFAS 1633

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 VOCs 8260	TCL SVOCs 8270	TAL Metals 6010	PCBs 8082	Pesticides 8081	Herbicides 8151	1,4-Dioxane 8270	PFAS 1633	Sample Specific Comments	Total Bottle
35063	01 TB-DOC47-062024-1140	6/20/24	1140	SO	SM/KB	X	X	X						SM	6
	02 TB-DOC48-062024-1142	6/20/24	1142	SO	SM/KB	X	X	X							6
	03 TB-DOC49-062024-1145	6/20/24	1145	SO	SM/KB				X	X	X	X	X		2
	04 TB-DOC50-062024-1150	6/20/24	1150	SO	SM/KB	X	X	X							6

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	A	A	A	A	A	P
Preservative	F	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	6/20 12:56	SECURE STORAGE PACK	6/20/24 12:56
SECURE STORAGE PACK	6/20/24 17:16	W MOT PACK	6/20/24 17:16
W MOT PACK	6/20/24 17:16	[signature]	6/21/24 0150

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:	L2435588
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-DOC. SAMPLES
Project Number:	0200336-002
Report Date:	07/08/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435588-01	TB-DOC48-062024-1142	SOIL	ROCHESTER, NY	06/20/24 11:42	06/24/24
L2435588-02	TB-DOC51-062424-0720	SOIL	ROCHESTER, NY	06/24/24 07:20	06/24/24
L2435588-03	TB-DOC52-062424-0730	SOIL	ROCHESTER, NY	06/24/24 07:30	06/24/24
L2435588-04	TB-DOC53-062424-0740	SOIL	ROCHESTER, NY	06/24/24 07:40	06/24/24
L2435588-05	TB-DOC54-062424-0750	SOIL	ROCHESTER, NY	06/24/24 07:50	06/24/24
L2435588-06	TB-DOC55-062424-0800	SOIL	ROCHESTER, NY	06/24/24 08:00	06/24/24
L2435588-07	TB-DOC56-062424-0815	SOIL	ROCHESTER, NY	06/24/24 08:15	06/24/24
L2435588-08	TB-DOC57-062424-0830	SOIL	ROCHESTER, NY	06/24/24 08:30	06/24/24
L2435588-09	TB-DOC58-062424-0840	SOIL	ROCHESTER, NY	06/24/24 08:40	06/24/24
L2435588-10	TB-DOC59-062424-0900	SOIL	ROCHESTER, NY	06/24/24 09:00	06/24/24
L2435588-11	TB-DOC60-062424-0910	SOIL	ROCHESTER, NY	06/24/24 09:10	06/24/24
L2435588-12	TB-DOC61-062424-0925	SOIL	ROCHESTER, NY	06/24/24 09:25	06/24/24
L2435588-13	TB-DOC62-062424-0940	SOIL	ROCHESTER, NY	06/24/24 09:40	06/24/24
L2435588-14	4444-062424-0001	WATER	ROCHESTER, NY	06/24/24 11:40	06/24/24
L2435588-15	4444-062424-0002	WATER	ROCHESTER, NY	06/24/24 00:00	06/24/24

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2435588
Project Number:	0200336-002	**Report Date:**	07/08/24

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: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588
Project Number: 0200336-002 **Report Date:** 07/08/24

Case Narrative (continued)

Report Submission
July 08, 2024: This final report includes the results of all requested analyses.
July 01, 2024: This is a preliminary report.

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

Sample Receipt
L2435588-10: The analyses performed were specified by the client.
L2435588-14: The sample was received below the appropriate pH for the Total Cyanide - EPA 9010C/9012B analysis. The laboratory added additional NaOH to a pH >12.

Volatile Organics
L2435588-02, -03, -04, -07, -08, -12, and -13: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of target compounds in the sample.
L2435588-09: The internal standard (IS) response(s) for 1,4-dichlorobenzene-d4 (38%) was below the acceptance criteria; however, analysis of the MS achieved the following results: 1,4-dichlorobenzene-d4 (49%). The results of both analyses are reported.
The WG1941630-3 LCS recoveries, associated with L2435588-09 and -10, are outside the acceptance criteria for 4-methyl-2-pentanone (67%), 2-hexanone (67%), and 1,2-dibromo-3-chloropropane (66%), but within the overall method allowances. The results of the associated samples are reported.
The WG1941630-3/-4 LCS/LCSD recoveries, associated with L2435588-09 and -10, are above the individual acceptance criteria for chloromethane (135%/140%), but within the overall method allowances. The results of the associated samples are reported.
The WG1940679-3/-4 LCS/LCSD RPD, associated with L2435588-14 and -15, is above the acceptance criteria for acetone (55%).
The WG1941630-6/-7 MS/MSD recoveries, performed on L2435588-09, are outside the acceptance criteria

Case Narrative (continued)

for methylene chloride (56%), chloroform (68%/66%), 1,2-dichloropropane (68%/69%), dibromochloromethane (45%/43%), 1,1,2-trichloroethane (63%/58%), tetrachloroethene (62%/54%), chlorobenzene (33%/30%), 1,2-dichloroethane (43%), bromodichloromethane (49%), trans-1,3-dichloropropene (18%/17%), cis-1,3-dichloropropene (22%), bromoform (50%/43%), 1,1,2,2-tetrachloroethane (MSD 67%), benzene (66%/64%), toluene (56%/50%), ethylbenzene (46%/39%), chloromethane (135%/131%), trans-1,2-dichloroethene (48%/45%), trichloroethene (44%/42%), 1,2-dichlorobenzene (32%/26%), 1,3-dichlorobenzene (29%/22%), 1,4-dichlorobenzene (23%/18%), p/m-xylene (47%/40%), o-xylene (53%/47%), cis-1,2-dichloroethene (39%/38%), styrene (23%/20%), dichlorodifluoromethane (MS 151%), carbon disulfide (MSD 58%), 2-hexanone (47%/48%), bromochloromethane (44%/43%), 1,2-dibromoethane (26%), 1,2-dibromo-3-chloropropane (48%/43%), isopropylbenzene (MSD 58%), 1,2,3-trichlorobenzene (18%/16%), 1,2,4-trichlorobenzene (16%/14%), and 1,4-dioxane (MSD 151%); however, the associated LCS/LCSD recoveries are within overall method allowances. No further action was required.
The WG1941630-6/-7 MS/MSD RPD, performed on L2435588-09, is outside the acceptance criteria for isopropylbenzene (32%).

Semivolatile Organics
The WG1940351-2/-3 LCS/LCSD recoveries, associated with L2435588-14, are outside the acceptance criteria for hexachlorocyclopentadiene (34%/33%), but within the overall method allowances. The results of the associated sample are reported.
The WG1941064-2 LCS recovery, associated with L2435588-01 through -13, is outside the acceptance criteria for phenol (95%), but within the overall method allowances. The results of the associated samples are reported.
The WG1941064-4/-5 MS/MSD recoveries, performed on L2435588-09, are outside the acceptance criteria for 3,3'-dichlorobenzidine (15%/21%), hexachloroethane (MS 39%), 4-nitroaniline (MS 38%), 2-nitrophenol (MS 28%), and 1,4-dioxane (39%).
The WG1941064-4/-5 MS/MSD recoveries, performed on L2435588-09, are below the acceptance criteria for hexachlorocyclopentadiene (0%), 2,4-dinitrophenol (0%), and 4,6-dinitro-o-cresol (0%) due to the

Case Narrative (continued)

concentration of these compounds in the MS/MSD falling below the reported detection limit.

Perfluorinated Alkyl Acids by 1633

The WG1942903-2R LCS recovery, associated with L2435588-09, is above the acceptance criteria for 3-perfluoroheptyl propanoic acid (7:3ftca) (183%); however, the associated sample is non-detect to the RL for this target analyte. The results of the original analysis are reported.

WG1942903-2R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

The WG1942903-4/-5 MS/MSD RPDs, performed on L2435588-09, are outside the acceptance criteria for 9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9cl-pf3ons) (33%), 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11cl-pf3ouds) (37%), and 3-perfluoroheptyl propanoic acid (7:3ftca) (37%).

WG1942903-5: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Pesticides

L2435588-09: One or more dual column RPDs are above the acceptance criteria; however, obvious column interferences are present. The result is qualified with a "P" if the higher of the two results is reported. The result is qualified with an "IP" if the lower of the two results is reported.

The WG1941095-5 MSD recovery, performed on L2435588-09, is outside the acceptance criteria for endrin aldehyde (174%).

Total Metals

L2435588-01 through -13: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1940363-3/-4 MS/MSD recoveries for aluminum (258%/224%), calcium (2490%/3620%), iron (0%), magnesium (379%/2170%), manganese (MS 39%) and zinc (0%), performed on L2435588-09, do not apply because the sample concentrations are greater than four times the spike amounts added.

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2435588
Project Number:	0200336-002	**Report Date:**	07/08/24

Case Narrative (continued)

The WG1940363-3/-4 MS/MSD recoveries, performed on L2435588-09, are outside the acceptance criteria for arsenic (28%/0%) and copper (51%/37%). A post digestion spike was performed and yielded unacceptable recoveries for arsenic (68%) and copper (68%). The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

The WG1940363-3/-4 MS/MSD recoveries, performed on L2435588-09, are outside the acceptance criteria for cadmium (74%/70%), lead (MSD 55%) and potassium (129%/140%). A post digestion spike was performed and was within acceptance criteria.

The WG1940363-4 MSD recovery, performed on L2435588-09, is outside the acceptance criteria for chromium (71%). A post digestion spike was performed and yielded an unacceptable recovery for chromium (72%). The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG1940363-3/-4 MS/MSD RPD for magnesium (61%), performed on L2435588-09, is above the acceptance criteria.

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

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 07/08/24

ORGANICS

VOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-02
Client ID: TB-DOC51-062424-0720
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 07:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 13:00
Analyst: JIC
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	370	170	1
1,1-Dichloroethane	ND		ug/kg	74	11.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	74	17.	1
1,2-Dichloropropane	ND		ug/kg	74	9.3	1
Dibromochloromethane	ND		ug/kg	74	10.	1
1,1,2-Trichloroethane	ND		ug/kg	74	20.	1
Tetrachloroethene	86		ug/kg	37	14.	1
Chlorobenzene	ND		ug/kg	37	9.4	1
Trichlorofluoromethane	ND		ug/kg	300	52.	1
1,2-Dichloroethane	ND		ug/kg	74	19.	1
1,1,1-Trichloroethane	ND		ug/kg	37	12.	1
Bromodichloromethane	ND		ug/kg	37	8.1	1
trans-1,3-Dichloropropene	ND		ug/kg	74	20.	1
cis-1,3-Dichloropropene	ND		ug/kg	37	12.	1
Bromoform	ND		ug/kg	300	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	37	12.	1
Benzene	58		ug/kg	37	12.	1
Toluene	230		ug/kg	74	40.	1
Ethylbenzene	50	J	ug/kg	74	10.	1
Chloromethane	ND		ug/kg	300	69.	1
Bromomethane	ND		ug/kg	150	43.	1
Vinyl chloride	ND		ug/kg	74	25.	1
Chloroethane	ND		ug/kg	150	34.	1
1,1-Dichloroethene	ND		ug/kg	74	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	10.	1
Trichloroethene	7900		ug/kg	37	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	11.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-02 Date Collected: 06/24/24 07:20

Client ID: TB-DOC51-062424-0720 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	150	11.	1
1,4-Dichlorobenzene	ND		ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	260		ug/kg	150	42.	1
o-Xylene	190		ug/kg	74	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	74	13.	1
Styrene	ND		ug/kg	74	14.	1
Dichlorodifluoromethane	ND		ug/kg	740	68.	1
Acetone	ND		ug/kg	740	360	1
Carbon disulfide	ND		ug/kg	740	340	1
2-Butanone	ND		ug/kg	740	160	1
4-Methyl-2-pentanone	ND		ug/kg	740	95.	1
2-Hexanone	ND		ug/kg	740	88.	1
Bromochloromethane	ND		ug/kg	150	15.	1
1,2-Dibromoethane	ND		ug/kg	74	21.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	220	74.	1
Isopropylbenzene	31	J	ug/kg	74	8.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	20.	1
Methyl Acetate	200	J	ug/kg	300	70.	1
Cyclohexane	180	J	ug/kg	740	40.	1
1,4-Dioxane	ND		ug/kg	5900	2600	1
Freon-113	ND		ug/kg	300	51.	1
Methyl cyclohexane	690		ug/kg	300	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	100		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-03
Client ID: TB-DOC52-062424-0730
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 07:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 13:26
Analyst: JIC
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	320	150	1
1,1-Dichloroethane	ND		ug/kg	64	9.3	1
Chloroform	ND		ug/kg	96	9.0	1
Carbon tetrachloride	ND		ug/kg	64	15.	1
1,2-Dichloropropane	ND		ug/kg	64	8.0	1
Dibromochloromethane	ND		ug/kg	64	9.0	1
1,1,2-Trichloroethane	ND		ug/kg	64	17.	1
Tetrachloroethene	70		ug/kg	32	12.	1
Chlorobenzene	ND		ug/kg	32	8.1	1
Trichlorofluoromethane	ND		ug/kg	260	44.	1
1,2-Dichloroethane	ND		ug/kg	64	16.	1
1,1,1-Trichloroethane	ND		ug/kg	32	11.	1
Bromodichloromethane	ND		ug/kg	32	7.0	1
trans-1,3-Dichloropropene	ND		ug/kg	64	17.	1
cis-1,3-Dichloropropene	ND		ug/kg	32	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	32	11.	1
Benzene	54		ug/kg	32	11.	1
Toluene	200		ug/kg	64	35.	1
Ethylbenzene	49	J	ug/kg	64	9.0	1
Chloromethane	ND		ug/kg	260	60.	1
Bromomethane	ND		ug/kg	130	37.	1
Vinyl chloride	ND		ug/kg	64	21.	1
Chloroethane	ND		ug/kg	130	29.	1
1,1-Dichloroethene	ND		ug/kg	64	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	96	8.8	1
Trichloroethene	4400		ug/kg	32	8.8	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.2	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-03 Date Collected: 06/24/24 07:30

Client ID: TB-DOC52-062424-0730 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	130	9.5	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	220		ug/kg	130	36.	1
o-Xylene	170		ug/kg	64	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	64	11.	1
Styrene	ND		ug/kg	64	12.	1
Dichlorodifluoromethane	ND		ug/kg	640	59.	1
Acetone	ND		ug/kg	640	310	1
Carbon disulfide	ND		ug/kg	640	290	1
2-Butanone	ND		ug/kg	640	140	1
4-Methyl-2-pentanone	ND		ug/kg	640	82.	1
2-Hexanone	ND		ug/kg	640	76.	1
Bromochloromethane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	64	18.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	190	64.	1
Isopropylbenzene	28	J	ug/kg	64	7.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	17.	1
Methyl Acetate	220	J	ug/kg	260	61.	1
Cyclohexane	170	J	ug/kg	640	35.	1
1,4-Dioxane	ND		ug/kg	5100	2200	1
Freon-113	ND		ug/kg	260	44.	1
Methyl cyclohexane	590		ug/kg	260	39.	1

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

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-04
Client ID: TB-DOC53-062424-0740
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 07:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 13:52
Analyst: AJK
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	360	160	1
1,1-Dichloroethane	ND		ug/kg	72	10.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	72	16.	1
1,2-Dichloropropane	ND		ug/kg	72	9.0	1
Dibromochloromethane	ND		ug/kg	72	10.	1
1,1,2-Trichloroethane	ND		ug/kg	72	19.	1
Tetrachloroethene	72		ug/kg	36	14.	1
Chlorobenzene	ND		ug/kg	36	9.1	1
Trichlorofluoromethane	ND		ug/kg	290	50.	1
1,2-Dichloroethane	ND		ug/kg	72	18.	1
1,1,1-Trichloroethane	ND		ug/kg	36	12.	1
Bromodichloromethane	ND		ug/kg	36	7.8	1
trans-1,3-Dichloropropene	ND		ug/kg	72	20.	1
cis-1,3-Dichloropropene	ND		ug/kg	36	11.	1
Bromoform	ND		ug/kg	290	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	36	12.	1
Benzene	220		ug/kg	36	12.	1
Toluene	500		ug/kg	72	39.	1
Ethylbenzene	63	J	ug/kg	72	10.	1
Chloromethane	ND		ug/kg	290	67.	1
Bromomethane	ND		ug/kg	140	42.	1
Vinyl chloride	ND		ug/kg	72	24.	1
Chloroethane	ND		ug/kg	140	32.	1
1,1-Dichloroethene	ND		ug/kg	72	17.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	9.8	1
Trichloroethene	5200		ug/kg	36	9.8	1
1,2-Dichlorobenzene	ND		ug/kg	140	10.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-04 Date Collected: 06/24/24 07:40

Client ID: TB-DOC53-062424-0740 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	140	11.	1
1,4-Dichlorobenzene	ND		ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	360		ug/kg	140	40.	1
o-Xylene	250		ug/kg	72	21.	1
cis-1,2-Dichloroethene	ND		ug/kg	72	12.	1
Styrene	ND		ug/kg	72	14.	1
Dichlorodifluoromethane	ND		ug/kg	720	66.	1
Acetone	ND		ug/kg	720	340	1
Carbon disulfide	ND		ug/kg	720	330	1
2-Butanone	ND		ug/kg	720	160	1
4-Methyl-2-pentanone	ND		ug/kg	720	92.	1
2-Hexanone	ND		ug/kg	720	85.	1
Bromochloromethane	ND		ug/kg	140	15.	1
1,2-Dibromoethane	ND		ug/kg	72	20.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	220	72.	1
Isopropylbenzene	36	J	ug/kg	72	7.8	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	20.	1
Methyl Acetate	200	J	ug/kg	290	68.	1
Cyclohexane	220	J	ug/kg	720	39.	1
1,4-Dioxane	ND		ug/kg	5700	2500	1
Freon-113	ND		ug/kg	290	50.	1
Methyl cyclohexane	770		ug/kg	290	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-05
Client ID: TB-DOC54-062424-0750
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 07:50
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 21:43
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.16	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-05 Date Collected: 06/24/24 07:50

Client ID: TB-DOC54-062424-0750 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.3	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	104		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-06
Client ID: TB-DOC55-062424-0800
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 08:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 13:15
Analyst: JIC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	2.5		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-06 Date Collected: 06/24/24 08:00

Client ID: TB-DOC55-062424-0800 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
Methyl Acetate	ND		ug/kg	4.1	0.96	1
Cyclohexane	ND		ug/kg	10	0.55	1
1,4-Dioxane	ND		ug/kg	81	36.	1
Freon-113	ND		ug/kg	4.1	0.70	1
Methyl cyclohexane	ND		ug/kg	4.1	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	101		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-07
Client ID: TB-DOC56-062424-0815
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 08:15
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 14:44
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	340	160	1
1,1-Dichloroethane	ND		ug/kg	68	9.9	1
Chloroform	ND		ug/kg	100	9.5	1
Carbon tetrachloride	ND		ug/kg	68	16.	1
1,2-Dichloropropane	ND		ug/kg	68	8.5	1
Dibromochloromethane	ND		ug/kg	68	9.5	1
1,1,2-Trichloroethane	ND		ug/kg	68	18.	1
Tetrachloroethene	50		ug/kg	34	13.	1
Chlorobenzene	ND		ug/kg	34	8.6	1
Trichlorofluoromethane	ND		ug/kg	270	47.	1
1,2-Dichloroethane	ND		ug/kg	68	18.	1
1,1,1-Trichloroethane	ND		ug/kg	34	11.	1
Bromodichloromethane	ND		ug/kg	34	7.4	1
trans-1,3-Dichloropropene	ND		ug/kg	68	19.	1
cis-1,3-Dichloropropene	ND		ug/kg	34	11.	1
Bromoform	ND		ug/kg	270	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	34	11.	1
Benzene	51		ug/kg	34	11.	1
Toluene	190		ug/kg	68	37.	1
Ethylbenzene	45	J	ug/kg	68	9.6	1
Chloromethane	ND		ug/kg	270	64.	1
Bromomethane	ND		ug/kg	140	40.	1
Vinyl chloride	ND		ug/kg	68	23.	1
Chloroethane	ND		ug/kg	140	31.	1
1,1-Dichloroethene	ND		ug/kg	68	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	9.3	1
Trichloroethene	4900		ug/kg	34	9.3	1
1,2-Dichlorobenzene	ND		ug/kg	140	9.8	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-07 Date Collected: 06/24/24 08:15

Client ID: TB-DOC56-062424-0815 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	140	10.	1
1,4-Dichlorobenzene	ND		ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	210		ug/kg	140	38.	1
o-Xylene	150		ug/kg	68	20.	1
cis-1,2-Dichloroethene	ND		ug/kg	68	12.	1
Styrene	ND		ug/kg	68	13.	1
Dichlorodifluoromethane	ND		ug/kg	680	62.	1
Acetone	ND		ug/kg	680	330	1
Carbon disulfide	ND		ug/kg	680	310	1
2-Butanone	ND		ug/kg	680	150	1
4-Methyl-2-pentanone	ND		ug/kg	680	87.	1
2-Hexanone	ND		ug/kg	680	80.	1
Bromochloromethane	ND		ug/kg	140	14.	1
1,2-Dibromoethane	ND		ug/kg	68	19.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	200	68.	1
Isopropylbenzene	27	J	ug/kg	68	7.4	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	18.	1
Methyl Acetate	190	J	ug/kg	270	65.	1
Cyclohexane	170	J	ug/kg	680	37.	1
1,4-Dioxane	ND		ug/kg	5400	2400	1
Freon-113	ND		ug/kg	270	47.	1
Methyl cyclohexane	580		ug/kg	270	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	99		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-08
Client ID: TB-DOC57-062424-0830
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 08:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 15:10
Analyst: JIC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	320	150	1
1,1-Dichloroethane	ND		ug/kg	65	9.4	1
Chloroform	9.6	J	ug/kg	97	9.1	1
Carbon tetrachloride	ND		ug/kg	65	15.	1
1,2-Dichloropropane	ND		ug/kg	65	8.1	1
Dibromochloromethane	ND		ug/kg	65	9.1	1
1,1,2-Trichloroethane	ND		ug/kg	65	17.	1
Tetrachloroethene	38		ug/kg	32	13.	1
Chlorobenzene	ND		ug/kg	32	8.2	1
Trichlorofluoromethane	ND		ug/kg	260	45.	1
1,2-Dichloroethane	ND		ug/kg	65	17.	1
1,1,1-Trichloroethane	ND		ug/kg	32	11.	1
Bromodichloromethane	ND		ug/kg	32	7.0	1
trans-1,3-Dichloropropene	ND		ug/kg	65	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	32	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	32	11.	1
Benzene	39		ug/kg	32	11.	1
Toluene	180		ug/kg	65	35.	1
Ethylbenzene	48	J	ug/kg	65	9.1	1
Chloromethane	ND		ug/kg	260	60.	1
Bromomethane	ND		ug/kg	130	38.	1
Vinyl chloride	ND		ug/kg	65	22.	1
Chloroethane	ND		ug/kg	130	29.	1
1,1-Dichloroethene	ND		ug/kg	65	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	97	8.9	1
Trichloroethene	4000		ug/kg	32	8.9	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.3	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-08 Date Collected: 06/24/24 08:30

Client ID: TB-DOC57-062424-0830 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	130	9.6	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	240		ug/kg	130	36.	1
o-Xylene	160		ug/kg	65	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	65	11.	1
Styrene	ND		ug/kg	65	13.	1
Dichlorodifluoromethane	ND		ug/kg	650	59.	1
Acetone	ND		ug/kg	650	310	1
Carbon disulfide	ND		ug/kg	650	290	1
2-Butanone	ND		ug/kg	650	140	1
4-Methyl-2-pentanone	ND		ug/kg	650	83.	1
2-Hexanone	ND		ug/kg	650	76.	1
Bromochloromethane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	65	18.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	190	65.	1
Isopropylbenzene	26	J	ug/kg	65	7.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	18.	1
Methyl Acetate	180	J	ug/kg	260	62.	1
Cyclohexane	170	J	ug/kg	650	35.	1
1,4-Dioxane	ND		ug/kg	5200	2300	1
Freon-113	ND		ug/kg	260	45.	1
Methyl cyclohexane	600		ug/kg	260	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	99		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-09
Client ID: TB-DOC58-062424-0840
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 08:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 18:43
Analyst: LAC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.3	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.39	1
Tetrachloroethene	ND		ug/kg	0.73	0.29	1
Chlorobenzene	ND		ug/kg	0.73	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.9	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.73	0.24	1
Bromodichloromethane	ND		ug/kg	0.73	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.73	0.23	1
Bromoform	ND		ug/kg	5.9	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.73	0.24	1
Benzene	2.0		ug/kg	0.73	0.24	1
Toluene	2.7		ug/kg	1.5	0.80	1
Ethylbenzene	0.28	J	ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	5.9	1.4	1
Bromomethane	ND		ug/kg	2.9	0.85	1
Vinyl chloride	ND		ug/kg	1.5	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1
Trichloroethene	1.0		ug/kg	0.73	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-09 Date Collected: 06/24/24 08:40

Client ID: TB-DOC58-062424-0840 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.30	1
p/m-Xylene	1.2	J	ug/kg	2.9	0.82	1
o-Xylene	1.0	J	ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.3	1
Acetone	200		ug/kg	15	7.1	1
Carbon disulfide	ND		ug/kg	15	6.7	1
2-Butanone	32		ug/kg	15	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
2-Hexanone	ND		ug/kg	15	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.5	1
Isopropylbenzene	0.24	J	ug/kg	1.5	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
Methyl Acetate	ND		ug/kg	5.9	1.4	1
Cyclohexane	2.9	J	ug/kg	15	0.80	1
1,4-Dioxane	ND		ug/kg	120	52.	1
Freon-113	ND		ug/kg	5.9	1.0	1
Methyl cyclohexane	5.7	J	ug/kg	5.9	0.89	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	107		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-10
Client ID: TB-DOC59-062424-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 09:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/28/24 17:40
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	1.5		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-10 Date Collected: 06/24/24 09:00

Client ID: TB-DOC59-062424-0900 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.18	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
Methyl Acetate	ND		ug/kg	4.2	1.0	1
Cyclohexane	ND		ug/kg	11	0.58	1
1,4-Dioxane	ND		ug/kg	85	37.	1
Freon-113	ND		ug/kg	4.2	0.74	1
Methyl cyclohexane	ND		ug/kg	4.2	0.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-11
Client ID: TB-DOC60-062424-0910
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 09:10
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/30/24 17:35
Analyst: JIC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.68	0.27	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.95	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.23	1
Benzene	ND		ug/kg	0.68	0.23	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.7	0.80	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.7	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.19	1
Trichloroethene	0.85		ug/kg	0.68	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-11 Date Collected: 06/24/24 09:10

Client ID: TB-DOC60-062424-0910 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.28	1
p/m-Xylene	ND		ug/kg	2.7	0.77	1
o-Xylene	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	19		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
Methyl Acetate	ND		ug/kg	5.5	1.3	1
Cyclohexane	ND		ug/kg	14	0.75	1
1,4-Dioxane	ND		ug/kg	110	48.	1
Freon-113	ND		ug/kg	5.5	0.95	1
Methyl cyclohexane	ND		ug/kg	5.5	0.83	1

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

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-12
Client ID: TB-DOC61-062424-0925
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 09:25
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 16:54
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	300	140	1
1,1-Dichloroethane	ND		ug/kg	61	8.8	1
Chloroform	8.8	J	ug/kg	91	8.5	1
Carbon tetrachloride	ND		ug/kg	61	14.	1
1,2-Dichloropropane	ND		ug/kg	61	7.6	1
Dibromochloromethane	ND		ug/kg	61	8.5	1
1,1,2-Trichloroethane	ND		ug/kg	61	16.	1
Tetrachloroethene	42		ug/kg	30	12.	1
Chlorobenzene	ND		ug/kg	30	7.7	1
Trichlorofluoromethane	ND		ug/kg	240	42.	1
1,2-Dichloroethane	ND		ug/kg	61	16.	1
1,1,1-Trichloroethane	ND		ug/kg	30	10.	1
Bromodichloromethane	ND		ug/kg	30	6.6	1
trans-1,3-Dichloropropene	ND		ug/kg	61	17.	1
cis-1,3-Dichloropropene	ND		ug/kg	30	9.6	1
Bromoform	ND		ug/kg	240	15.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	30	10.	1
Benzene	32		ug/kg	30	10.	1
Toluene	120		ug/kg	61	33.	1
Ethylbenzene	32	J	ug/kg	61	8.6	1
Chloromethane	ND		ug/kg	240	57.	1
Bromomethane	ND		ug/kg	120	35.	1
Vinyl chloride	ND		ug/kg	61	20.	1
Chloroethane	ND		ug/kg	120	27.	1
1,1-Dichloroethene	ND		ug/kg	61	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	91	8.3	1
Trichloroethene	4800		ug/kg	30	8.3	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.8	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-12 Date Collected: 06/24/24 09:25

Client ID: TB-DOC61-062424-0925 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	120	9.0	1
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	160		ug/kg	120	34.	1
o-Xylene	130		ug/kg	61	18.	1
cis-1,2-Dichloroethene	ND		ug/kg	61	11.	1
Styrene	ND		ug/kg	61	12.	1
Dichlorodifluoromethane	ND		ug/kg	610	56.	1
Acetone	ND		ug/kg	610	290	1
Carbon disulfide	ND		ug/kg	610	280	1
2-Butanone	ND		ug/kg	610	140	1
4-Methyl-2-pentanone	ND		ug/kg	610	78.	1
2-Hexanone	ND		ug/kg	610	72.	1
Bromochloromethane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	61	17.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	61.	1
Isopropylbenzene	22	J	ug/kg	61	6.6	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	16.	1
Methyl Acetate	260		ug/kg	240	58.	1
Cyclohexane	170	J	ug/kg	610	33.	1
1,4-Dioxane	ND		ug/kg	4900	2100	1
Freon-113	ND		ug/kg	240	42.	1
Methyl cyclohexane	610		ug/kg	240	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	99		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-13
Client ID: TB-DOC62-062424-0940
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 09:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 17:20
Analyst: JIC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	420	190	1
1,1-Dichloroethane	ND		ug/kg	83	12.	1
Chloroform	ND		ug/kg	120	12.	1
Carbon tetrachloride	ND		ug/kg	83	19.	1
1,2-Dichloropropane	ND		ug/kg	83	10.	1
Dibromochloromethane	ND		ug/kg	83	12.	1
1,1,2-Trichloroethane	ND		ug/kg	83	22.	1
Tetrachloroethene	38	J	ug/kg	42	16.	1
Chlorobenzene	ND		ug/kg	42	10.	1
Trichlorofluoromethane	ND		ug/kg	330	58.	1
1,2-Dichloroethane	ND		ug/kg	83	21.	1
1,1,1-Trichloroethane	ND		ug/kg	42	14.	1
Bromodichloromethane	ND		ug/kg	42	9.1	1
trans-1,3-Dichloropropene	ND		ug/kg	83	23.	1
cis-1,3-Dichloropropene	ND		ug/kg	42	13.	1
Bromoform	ND		ug/kg	330	20.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	42	14.	1
Benzene	34	J	ug/kg	42	14.	1
Toluene	98		ug/kg	83	45.	1
Ethylbenzene	33	J	ug/kg	83	12.	1
Chloromethane	ND		ug/kg	330	78.	1
Bromomethane	ND		ug/kg	170	48.	1
Vinyl chloride	ND		ug/kg	83	28.	1
Chloroethane	ND		ug/kg	170	38.	1
1,1-Dichloroethene	ND		ug/kg	83	20.	1
trans-1,2-Dichloroethene	ND		ug/kg	120	11.	1
Trichloroethene	3400		ug/kg	42	11.	1
1,2-Dichlorobenzene	ND		ug/kg	170	12.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-13 Date Collected: 06/24/24 09:40

Client ID: TB-DOC62-062424-0940 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	170	12.	1
1,4-Dichlorobenzene	ND		ug/kg	170	14.	1
Methyl tert butyl ether	ND		ug/kg	170	17.	1
p/m-Xylene	150	J	ug/kg	170	46.	1
o-Xylene	130		ug/kg	83	24.	1
cis-1,2-Dichloroethene	ND		ug/kg	83	14.	1
Styrene	ND		ug/kg	83	16.	1
Dichlorodifluoromethane	ND		ug/kg	830	76.	1
Acetone	ND		ug/kg	830	400	1
Carbon disulfide	ND		ug/kg	830	380	1
2-Butanone	ND		ug/kg	830	180	1
4-Methyl-2-pentanone	ND		ug/kg	830	110	1
2-Hexanone	ND		ug/kg	830	98.	1
Bromochloromethane	ND		ug/kg	170	17.	1
1,2-Dibromoethane	ND		ug/kg	83	23.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	83.	1
Isopropylbenzene	29	J	ug/kg	83	9.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	170	27.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	23.	1
Methyl Acetate	310	J	ug/kg	330	79.	1
Cyclohexane	160	J	ug/kg	830	45.	1
1,4-Dioxane	ND		ug/kg	6600	2900	1
Freon-113	ND		ug/kg	330	58.	1
Methyl cyclohexane	640		ug/kg	330	50.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	98		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-14
Client ID: 4444-062424-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 11:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/27/24 15:42
Analyst: MJV

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

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-14 Date Collected: 06/24/24 11:40

Client ID: 4444-062424-0001 Date Received: 06/24/24

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	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	111		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-15
Client ID: 4444-062424-0002
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 00:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/27/24 16:08
Analyst: MJV

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

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-15 Date Collected: 06/24/24 00:00

Client ID: 4444-062424-0002 Date Received: 06/24/24

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	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 09:51
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 14-15 Batch: WG1940679-5					
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: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 09:51
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 14-15 Batch: WG1940679-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 09:51
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 14-15 Batch: WG1940679-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 21:17
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1940791-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.25	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 21:17
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1940791-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 21:17
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05 Batch: WG1940791-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	101		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 08:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1940850-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.60	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 08:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1940850-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 08:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1940850-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	98		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 09:33
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-04,07-08,12-13 Batch: WG1940854-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	16	J	ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 09:33
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-04,07-08,12-13 Batch: WG1940854-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 09:33
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-04,07-08,12-13 Batch: WG1940854-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	98		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 11:19
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09-10 Batch: WG1941630-5					
Methylene chloride	2.4	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.35	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 11:19
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09-10 Batch: WG1941630-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/28/24 11:19
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09-10 Batch: WG1941630-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	113		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/30/24 16:43
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11 Batch: WG1941642-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.14	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/30/24 16:43
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11 Batch: WG1941642-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/30/24 16:43
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11 Batch: WG1941642-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14-15 Batch: WG1940679-3 WG1940679-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	120		120		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	98		98		63-130	0		20
1,1,2-Trichloroethane	99		98		70-130	1		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	120		120		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	97		96		70-130	1		20
cis-1,3-Dichloropropene	110		100		70-130	10		20
Bromoform	90		88		54-136	2		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	120		120		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	84		83		64-130	1		20
Bromomethane	49		51		39-139	4		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14-15 Batch: WG1940679-3 WG1940679-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	120		120		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	100		99		70-130	1		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	94		95		63-130	1		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	120		110		70-130	9		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	120		68		58-148	**55**	Q	20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	100		94		63-138	6		20
4-Methyl-2-pentanone	74		70		59-130	6		20
2-Hexanone	70		72		57-130	3		20
Bromochloromethane	120		110		70-130	9		20
1,2-Dibromoethane	99		99		70-130	0		20
1,2-Dibromo-3-chloropropane	80		78		41-144	3		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	72		77		70-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14-15 Batch: WG1940679-3 WG1940679-4								
1,2,4-Trichlorobenzene	80		82		70-130	2		20
Methyl Acetate	99		95		70-130	4		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	120		122		56-162	2		20
Freon-113	120		110		70-130	9		20
Methyl cyclohexane	120		120		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		94		70-130
Toluene-d8	96		94		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1940791-3 WG1940791-4								
Methylene chloride	95		92		70-130	3		30
1,1-Dichloroethane	91		86		70-130	6		30
Chloroform	91		88		70-130	3		30
Carbon tetrachloride	95		91		70-130	4		30
1,2-Dichloropropane	88		86		70-130	2		30
Dibromochloromethane	92		93		70-130	1		30
1,1,2-Trichloroethane	90		90		70-130	0		30
Tetrachloroethene	104		97		70-130	7		30
Chlorobenzene	92		89		70-130	3		30
Trichlorofluoromethane	108		101		70-139	7		30
1,2-Dichloroethane	88		88		70-130	0		30
1,1,1-Trichloroethane	98		93		70-130	5		30
Bromodichloromethane	88		87		70-130	1		30
trans-1,3-Dichloropropene	90		90		70-130	0		30
cis-1,3-Dichloropropene	90		88		70-130	2		30
Bromoform	91		93		70-130	2		30
1,1,2,2-Tetrachloroethane	90		90		70-130	0		30
Benzene	92		88		70-130	4		30
Toluene	96		91		70-130	5		30
Ethylbenzene	91		88		70-130	3		30
Chloromethane	95		81		52-130	16		30
Bromomethane	122		113		57-147	8		30
Vinyl chloride	101		94		67-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1940791-3 WG1940791-4								
Chloroethane	102		96		50-151	6		30
1,1-Dichloroethene	97		90		65-135	7		30
trans-1,2-Dichloroethene	93		89		70-130	4		30
Trichloroethene	93		90		70-130	3		30
1,2-Dichlorobenzene	93		90		70-130	3		30
1,3-Dichlorobenzene	96		91		70-130	5		30
1,4-Dichlorobenzene	93		89		70-130	4		30
Methyl tert butyl ether	86		86		66-130	0		30
p/m-Xylene	94		91		70-130	3		30
o-Xylene	94		90		70-130	4		30
cis-1,2-Dichloroethene	90		86		70-130	5		30
Styrene	98		95		70-130	3		30
Dichlorodifluoromethane	100		92		30-146	8		30
Acetone	82		85		54-140	4		30
Carbon disulfide	91		86		59-130	6		30
2-Butanone	82		85		70-130	4		30
4-Methyl-2-pentanone	88		91		70-130	3		30
2-Hexanone	86		90		70-130	5		30
Bromochloromethane	93		92		70-130	1		30
1,2-Dibromoethane	94		94		70-130	0		30
1,2-Dibromo-3-chloropropane	89		92		68-130	3		30
Isopropylbenzene	93		87		70-130	7		30
1,2,3-Trichlorobenzene	95		92		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05 Batch: WG1940791-3 WG1940791-4								
1,2,4-Trichlorobenzene	99		95		70-130	4		30
Methyl Acetate	86		89		51-146	3		30
Cyclohexane	96		90		59-142	6		30
1,4-Dioxane	90		93		65-136	3		30
Freon-113	104		97		50-139	7		30
Methyl cyclohexane	98		92		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	93		91		70-130
Dibromofluoromethane	101		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1940850-3 WG1940850-4								
Methylene chloride	85		79		70-130	7		30
1,1-Dichloroethane	103		94		70-130	9		30
Chloroform	107		93		70-130	14		30
Carbon tetrachloride	109		98		70-130	11		30
1,2-Dichloropropane	100		94		70-130	6		30
Dibromochloromethane	102		96		70-130	6		30
1,1,2-Trichloroethane	100		94		70-130	6		30
Tetrachloroethene	110		99		70-130	11		30
Chlorobenzene	102		93		70-130	9		30
Trichlorofluoromethane	112		98		70-139	13		30
1,2-Dichloroethane	104		98		70-130	6		30
1,1,1-Trichloroethane	112		100		70-130	11		30
Bromodichloromethane	104		97		70-130	7		30
trans-1,3-Dichloropropene	107		101		70-130	6		30
cis-1,3-Dichloropropene	105		99		70-130	6		30
Bromoform	96		91		70-130	5		30
1,1,2,2-Tetrachloroethane	106		102		70-130	4		30
Benzene	100		92		70-130	8		30
Toluene	102		92		70-130	10		30
Ethylbenzene	103		94		70-130	9		30
Chloromethane	92		80		52-130	14		30
Bromomethane	65		61		57-147	6		30
Vinyl chloride	88		77		67-130	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1940850-3 WG1940850-4								
Chloroethane	99		88		50-151	12		30
1,1-Dichloroethene	110		97		65-135	13		30
trans-1,2-Dichloroethene	105		94		70-130	11		30
Trichloroethene	103		92		70-130	11		30
1,2-Dichlorobenzene	101		96		70-130	5		30
1,3-Dichlorobenzene	102		96		70-130	6		30
1,4-Dichlorobenzene	100		95		70-130	5		30
Methyl tert butyl ether	104		95		66-130	9		30
p/m-Xylene	105		96		70-130	9		30
o-Xylene	104		96		70-130	8		30
cis-1,2-Dichloroethene	100		92		70-130	8		30
Styrene	103		95		70-130	8		30
Dichlorodifluoromethane	104		88		30-146	17		30
Acetone	85		84		54-140	1		30
Carbon disulfide	96		84		59-130	13		30
2-Butanone	98		92		70-130	6		30
4-Methyl-2-pentanone	97		93		70-130	4		30
2-Hexanone	95		89		70-130	7		30
Bromochloromethane	103		95		70-130	8		30
1,2-Dibromoethane	108		102		70-130	6		30
1,2-Dibromo-3-chloropropane	98		90		68-130	9		30
Isopropylbenzene	107		98		70-130	9		30
1,2,3-Trichlorobenzene	92		88		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1940850-3 WG1940850-4								
1,2,4-Trichlorobenzene	99		96		70-130	3		30
Methyl Acetate	90		87		51-146	3		30
Cyclohexane	108		96		59-142	12		30
1,4-Dioxane	97		92		65-136	5		30
Freon-113	114		99		50-139	14		30
Methyl cyclohexane	108		97		70-130	11		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		102		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	107		107		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-04,07-08,12-13 Batch: WG1940854-3 WG1940854-4								
Methylene chloride	102		94		70-130	8		30
1,1-Dichloroethane	97		89		70-130	9		30
Chloroform	96		90		70-130	6		30
Carbon tetrachloride	101		92		70-130	9		30
1,2-Dichloropropane	94		88		70-130	7		30
Dibromochloromethane	95		92		70-130	3		30
1,1,2-Trichloroethane	92		88		70-130	4		30
Tetrachloroethene	108		102		70-130	6		30
Chlorobenzene	100		92		70-130	8		30
Trichlorofluoromethane	114		104		70-139	9		30
1,2-Dichloroethane	92		87		70-130	6		30
1,1,1-Trichloroethane	104		94		70-130	10		30
Bromodichloromethane	93		88		70-130	6		30
trans-1,3-Dichloropropene	93		90		70-130	3		30
cis-1,3-Dichloropropene	94		89		70-130	5		30
Bromoform	93		92		70-130	1		30
1,1,2,2-Tetrachloroethane	92		88		70-130	4		30
Benzene	98		90		70-130	9		30
Toluene	104		95		70-130	9		30
Ethylbenzene	98		91		70-130	7		30
Chloromethane	106		94		52-130	12		30
Bromomethane	132		118		57-147	11		30
Vinyl chloride	112		99		67-130	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-04,07-08,12-13 Batch: WG1940854-3 WG1940854-4								
Chloroethane	111		100		50-151	10		30
1,1-Dichloroethene	104		94		65-135	10		30
trans-1,2-Dichloroethene	100		91		70-130	9		30
Trichloroethene	98		91		70-130	7		30
1,2-Dichlorobenzene	99		93		70-130	6		30
1,3-Dichlorobenzene	102		96		70-130	6		30
1,4-Dichlorobenzene	99		93		70-130	6		30
Methyl tert butyl ether	89		84		66-130	6		30
p/m-Xylene	100		94		70-130	6		30
o-Xylene	99		93		70-130	6		30
cis-1,2-Dichloroethene	96		89		70-130	8		30
Styrene	104		98		70-130	6		30
Dichlorodifluoromethane	117		104		30-146	12		30
Acetone	88		80		54-140	10		30
Carbon disulfide	100		90		59-130	11		30
2-Butanone	81		79		70-130	3		30
4-Methyl-2-pentanone	88		86		70-130	2		30
2-Hexanone	87		82		70-130	6		30
Bromochloromethane	98		92		70-130	6		30
1,2-Dibromoethane	96		93		70-130	3		30
1,2-Dibromo-3-chloropropane	89		88		68-130	1		30
Isopropylbenzene	100		92		70-130	8		30
1,2,3-Trichlorobenzene	100		94		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-04,07-08,12-13 Batch: WG1940854-3 WG1940854-4								
1,2,4-Trichlorobenzene	106		99		70-130	7		30
Methyl Acetate	84		83		51-146	1		30
Cyclohexane	102		92		59-142	10		30
1,4-Dioxane	87		94		65-136	8		30
Freon-113	110		98		50-139	12		30
Methyl cyclohexane	104		94		70-130	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		95		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	94		92		70-130
Dibromofluoromethane	98		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09-10 Batch: WG1941630-3 WG1941630-4								
Methylene chloride	92		98		70-130	6		30
1,1-Dichloroethane	95		102		70-130	7		30
Chloroform	98		106		70-130	8		30
Carbon tetrachloride	92		101		70-130	9		30
1,2-Dichloropropane	96		106		70-130	10		30
Dibromochloromethane	84		92		70-130	9		30
1,1,2-Trichloroethane	89		97		70-130	9		30
Tetrachloroethene	97		101		70-130	4		30
Chlorobenzene	92		98		70-130	6		30
Trichlorofluoromethane	109		118		70-139	8		30
1,2-Dichloroethane	94		104		70-130	10		30
1,1,1-Trichloroethane	94		102		70-130	8		30
Bromodichloromethane	90		98		70-130	9		30
trans-1,3-Dichloropropene	81		90		70-130	11		30
cis-1,3-Dichloropropene	87		96		70-130	10		30
Bromoform	74		80		70-130	8		30
1,1,2,2-Tetrachloroethane	76		87		70-130	13		30
Benzene	96		104		70-130	8		30
Toluene	89		95		70-130	7		30
Ethylbenzene	89		94		70-130	5		30
Chloromethane	**135**	Q	**140**	Q	52-130	4		30
Bromomethane	122		128		57-147	5		30
Vinyl chloride	109		116		67-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09-10 Batch: WG1941630-3 WG1941630-4								
Chloroethane	110		114		50-151	4		30
1,1-Dichloroethene	95		102		65-135	7		30
trans-1,2-Dichloroethene	96		102		70-130	6		30
Trichloroethene	96		103		70-130	7		30
1,2-Dichlorobenzene	88		93		70-130	6		30
1,3-Dichlorobenzene	91		94		70-130	3		30
1,4-Dichlorobenzene	88		92		70-130	4		30
Methyl tert butyl ether	82		92		66-130	11		30
p/m-Xylene	93		99		70-130	6		30
o-Xylene	91		96		70-130	5		30
cis-1,2-Dichloroethene	85		88		70-130	3		30
Styrene	91		98		70-130	7		30
Dichlorodifluoromethane	124		133		30-146	7		30
Acetone	95		110		54-140	15		30
Carbon disulfide	106		114		59-130	7		30
2-Butanone	88		105		70-130	18		30
4-Methyl-2-pentanone	**67**	Q	78		70-130	15		30
2-Hexanone	**67**	Q	78		70-130	15		30
Bromochloromethane	96		106		70-130	10		30
1,2-Dibromoethane	85		94		70-130	10		30
1,2-Dibromo-3-chloropropane	**66**	Q	76		68-130	14		30
Isopropylbenzene	83		88		70-130	6		30
1,2,3-Trichlorobenzene	82		89		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09-10 Batch: WG1941630-3 WG1941630-4								
1,2,4-Trichlorobenzene	81		85		70-130	5		30
Methyl Acetate	105		118		51-146	12		30
Cyclohexane	93		101		59-142	8		30
1,4-Dioxane	78		99		65-136	24		30
Freon-113	108		115		50-139	6		30
Methyl cyclohexane	87		95		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		109		70-130
Toluene-d8	98		96		70-130
4-Bromofluorobenzene	89		86		70-130
Dibromofluoromethane	108		110		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG1941642-3 WG1941642-4								
Methylene chloride	105		101		70-130	4		30
1,1-Dichloroethane	108		108		70-130	0		30
Chloroform	98		102		70-130	4		30
Carbon tetrachloride	100		102		70-130	2		30
1,2-Dichloropropane	104		111		70-130	7		30
Dibromochloromethane	101		107		70-130	6		30
1,1,2-Trichloroethane	97		103		70-130	6		30
Tetrachloroethene	106		112		70-130	6		30
Chlorobenzene	106		112		70-130	6		30
Trichlorofluoromethane	122		115		70-139	6		30
1,2-Dichloroethane	93		99		70-130	6		30
1,1,1-Trichloroethane	101		104		70-130	3		30
Bromodichloromethane	94		103		70-130	9		30
trans-1,3-Dichloropropene	101		112		70-130	10		30
cis-1,3-Dichloropropene	101		111		70-130	9		30
Bromoform	98		100		70-130	2		30
1,1,2,2-Tetrachloroethane	96		102		70-130	6		30
Benzene	107		112		70-130	5		30
Toluene	109		112		70-130	3		30
Ethylbenzene	106		111		70-130	5		30
Chloromethane	96		89		52-130	8		30
Bromomethane	144		129		57-147	11		30
Vinyl chloride	127		119		67-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG1941642-3 WG1941642-4								
Chloroethane	130		123		50-151	6		30
1,1-Dichloroethene	112		109		65-135	3		30
trans-1,2-Dichloroethene	110		108		70-130	2		30
Trichloroethene	99		105		70-130	6		30
1,2-Dichlorobenzene	107		110		70-130	3		30
1,3-Dichlorobenzene	108		113		70-130	5		30
1,4-Dichlorobenzene	105		111		70-130	6		30
Methyl tert butyl ether	102		103		66-130	1		30
p/m-Xylene	107		113		70-130	5		30
o-Xylene	104		110		70-130	6		30
cis-1,2-Dichloroethene	104		101		70-130	3		30
Styrene	107		114		70-130	6		30
Dichlorodifluoromethane	107		102		30-146	5		30
Acetone	96		94		54-140	2		30
Carbon disulfide	116		108		59-130	7		30
2-Butanone	85		82		70-130	4		30
4-Methyl-2-pentanone	102		114		70-130	11		30
2-Hexanone	85		99		70-130	15		30
Bromochloromethane	100		105		70-130	5		30
1,2-Dibromoethane	94		102		70-130	8		30
1,2-Dibromo-3-chloropropane	97		104		68-130	7		30
Isopropylbenzene	112		112		70-130	0		30
1,2,3-Trichlorobenzene	109		119		70-130	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG1941642-3 WG1941642-4								
1,2,4-Trichlorobenzene	123		127		70-130	3		30
Methyl Acetate	86		83		51-146	4		30
Cyclohexane	110		111		59-142	1		30
1,4-Dioxane	125		120		65-136	4		30
Freon-113	120		116		50-139	3		30
Methyl cyclohexane	108		111		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		88		70-130
Toluene-d8	100		98		70-130
4-Bromofluorobenzene	87		97		70-130
Dibromofluoromethane	94		92		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09-10 QC Batch ID: WG1941630-6 WG1941630-7 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840												
Methylene chloride	ND	145	82	**56**	Q	77	**56**	Q	70-130	6		30
1,1-Dichloroethane	ND	145	120	80		110	76		70-130	10		30
Chloroform	ND	145	98	**68**	Q	91	**66**	Q	70-130	7		30
Carbon tetrachloride	ND	145	130	88		120	84		70-130	9		30
1,2-Dichloropropane	ND	145	99	**68**	Q	95	**69**	Q	70-130	4		30
Dibromochloromethane	ND	145	65	**45**	Q	59	**43**	Q	70-130	10		30
1,1,2-Trichloroethane	ND	145	92	**63**	Q	80	**58**	Q	70-130	13		30
Tetrachloroethene	ND	145	90	**62**	Q	74	**54**	Q	70-130	20		30
Chlorobenzene	ND	145	48	**33**	Q	41	**30**	Q	70-130	18		30
Trichlorofluoromethane	ND	145	180	122		160	115		70-139	11		30
1,2-Dichloroethane	ND	145	63	**43**	Q	60	**43**	Q	70-130	5		30
1,1,1-Trichloroethane	ND	145	130	93		120	89		70-130	9		30
Bromodichloromethane	ND	145	71	**49**	Q	67	**49**	Q	70-130	6		30
trans-1,3-Dichloropropene	ND	145	26	**18**	Q	23	**17**	Q	70-130	10		30
cis-1,3-Dichloropropene	ND	145	33	**22**	Q	30	**22**	Q	70-130	9		30
Bromoform	ND	145	73	**50**	Q	59	**43**	Q	70-130	21		30
1,1,2,2-Tetrachloroethane	ND	145	110	78		93	**67**	Q	70-130	20		30
Benzene	2.0	145	98	**66**	Q	90	**64**	Q	70-130	8		30
Toluene	2.7	145	84	**56**	Q	72	**50**	Q	70-130	15		30
Ethylbenzene	0.28J	145	66	**46**	Q	54	**39**	Q	70-130	20		30
Chloromethane	ND	145	200	**135**	Q	180	**131**	Q	52-130	9		30
Bromomethane	ND	145	140	94		120	86		57-147	14		30
Vinyl chloride	ND	145	160	113		150	107		67-130	10		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09-10 QC Batch ID: WG1941630-6 WG1941630-7 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840												
Chloroethane	ND	145	140	98		130	92		50-151	11		30
1,1-Dichloroethene	ND	145	120	86		110	80		65-135	12		30
trans-1,2-Dichloroethene	ND	145	70	**48**	Q	62	**45**	Q	70-130	13		30
Trichloroethene	1.0	145	65	**44**	Q	59	**42**	Q	70-130	10		30
1,2-Dichlorobenzene	ND	145	46	**32**	Q	36	**26**	Q	70-130	24		30
1,3-Dichlorobenzene	ND	145	42	**29**	Q	31	**22**	Q	70-130	30		30
1,4-Dichlorobenzene	ND	145	33	**23**	Q	25	**18**	Q	70-130	29		30
Methyl tert butyl ether	ND	145	140	96		130	96		66-130	5		30
p/m-Xylene	1.2J	289	140	**47**	Q	110	**40**	Q	70-130	21		30
o-Xylene	1.0J	289	150	**53**	Q	130	**47**	Q	70-130	17		30
cis-1,2-Dichloroethene	ND	145	56	**39**	Q	52	**38**	Q	70-130	7		30
Styrene	ND	289	67	**23**	Q	54	**20**	Q	70-130	22		30
Dichlorodifluoromethane	ND	145	220	**151**	Q	200	142		30-146	11		30
Acetone	200	145	280	57		310	78		54-140	8		30
Carbon disulfide	ND	145	89	62		79	**58**	Q	59-130	12		30
2-Butanone	32	145	140	77		140	81		70-130	1		30
4-Methyl-2-pentanone	ND	145	110	79		110	79		70-130	4		30
2-Hexanone	ND	145	68	**47**	Q	67	**48**	Q	70-130	3		30
Bromochloromethane	ND	145	64	**44**	Q	59	**43**	Q	70-130	8		30
1,2-Dibromoethane	ND	145	38	**26**	Q	35	**26**	Q	70-130	8		30
1,2-Dibromo-3-chloropropane	ND	145	70	**48**	Q	59	**43**	Q	68-130	17		30
Isopropylbenzene	0.24J	145	110	76		80	**58**	Q	70-130	**32**	Q	30
1,2,3-Trichlorobenzene	ND	145	26	**18**	Q	21	**16**	Q	70-130	21		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09-10 QC Batch ID: WG1941630-6 WG1941630-7 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840												
1,2,4-Trichlorobenzene	ND	145	24	**16**	Q	19	**14**	Q	70-130	22		30
Methyl Acetate	ND	145	210	144		200	142		51-146	6		30
Cyclohexane	2.9J	145	150	102		130	97		59-142	10		30
1,4-Dioxane	ND	7230	8200	114		10000	**151**	Q	65-136	23		30
Freon-113	ND	145	180	122		160	115		50-139	11		30
Methyl cyclohexane	5.7J	145	130	89		120	84		70-130	11		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		100		70-130
4-Bromofluorobenzene	111		105		70-130
Dibromofluoromethane	104		104		70-130
Toluene-d8	113		109		70-130

SEMIVOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-01
Client ID: TB-DOC48-062024-1142
Sample Location: ROCHESTER, NY

Date Collected: 06/20/24 11:42
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/30/24 19:27
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 23:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	2800		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	780		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	120	J	ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	2100		ug/kg	120	22.	1
Benzo(a)pyrene	3300		ug/kg	160	47.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-01 Date Collected: 06/20/24 11:42

Client ID: TB-DOC48-062024-1142 Date Received: 06/24/24

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						
Benzo(b)fluoranthene	4000		ug/kg	120	33.	1
Benzo(k)fluoranthene	880		ug/kg	120	31.	1
Chrysene	2400		ug/kg	120	20.	1
Acenaphthylene	740		ug/kg	160	30.	1
Anthracene	800		ug/kg	120	38.	1
Benzo(ghi)perylene	2600		ug/kg	160	23.	1
Fluorene	250		ug/kg	190	19.	1
Phenanthrene	1900		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	500		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	2000		ug/kg	160	27.	1
Pyrene	3100		ug/kg	120	19.	1
Biphenyl	100	J	ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	270		ug/kg	190	18.	1
2-Methylnaphthalene	700		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	110	J	ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	32	J	ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	48	J	ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	160	J	ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	480		ug/kg	260	52.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-01 Date Collected: 06/20/24 11:42

Client ID: TB-DOC48-062024-1142 Date Received: 06/24/24

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						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	71		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-02
Client ID: TB-DOC51-062424-0720
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 07:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/30/24 19:51
Analyst: IM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 23:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	92	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	3600		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	590		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	320		ug/kg	170	59.	1
Butyl benzyl phthalate	520		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	2500		ug/kg	100	19.	1
Benzo(a)pyrene	3000		ug/kg	140	41.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-02 Date Collected: 06/24/24 07:20

Client ID: TB-DOC51-062424-0720 Date Received: 06/24/24

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						
Benzo(b)fluoranthene	4300		ug/kg	100	28.	1
Benzo(k)fluoranthene	970		ug/kg	100	27.	1
Chrysene	2400		ug/kg	100	18.	1
Acenaphthylene	1000		ug/kg	140	26.	1
Anthracene	980		ug/kg	100	33.	1
Benzo(ghi)perylene	2400		ug/kg	140	20.	1
Fluorene	160	J	ug/kg	170	16.	1
Phenanthrene	1500		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	460		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	2100		ug/kg	140	24.	1
Pyrene	4100		ug/kg	100	17.	1
Biphenyl	89	J	ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	230		ug/kg	170	16.	1
2-Methylnaphthalene	620		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	100	J	ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	38	J	ug/kg	240	26.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Carbazole	160	J	ug/kg	170	16.	1
Atrazine	ND		ug/kg	140	59.	1
Benzaldehyde	230		ug/kg	220	46.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-02 Date Collected: 06/24/24 07:20

Client ID: TB-DOC51-062424-0720 Date Received: 06/24/24

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						
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	77		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-03
Client ID: TB-DOC52-062424-0730
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 07:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/30/24 20:14
Analyst: IM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 23:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	140	17.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	2800		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	800		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	240		ug/kg	170	58.	1
Butyl benzyl phthalate	390		ug/kg	170	42.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	35.	1
Benzo(a)anthracene	2100		ug/kg	100	19.	1
Benzo(a)pyrene	2800		ug/kg	140	41.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-03 Date Collected: 06/24/24 07:30

Client ID: TB-DOC52-062424-0730 Date Received: 06/24/24

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						
Benzo(b)fluoranthene	3900		ug/kg	100	28.	1
Benzo(k)fluoranthene	920		ug/kg	100	27.	1
Chrysene	2200		ug/kg	100	18.	1
Acenaphthylene	1200		ug/kg	140	26.	1
Anthracene	1000		ug/kg	100	33.	1
Benzo(ghi)perylene	2300		ug/kg	140	20.	1
Fluorene	200		ug/kg	170	16.	1
Phenanthrene	1500		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	450		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	1900		ug/kg	140	24.	1
Pyrene	3400		ug/kg	100	17.	1
Biphenyl	140	J	ug/kg	380	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	270		ug/kg	170	16.	1
2-Methylnaphthalene	770		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	110	J	ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	360	63.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	25.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	38	J	ug/kg	240	26.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Carbazole	170		ug/kg	170	16.	1
Atrazine	ND		ug/kg	140	59.	1
Benzaldehyde	ND		ug/kg	220	46.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-03 Date Collected: 06/24/24 07:30

Client ID: TB-DOC52-062424-0730 Date Received: 06/24/24

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						
Caprolactam	ND		ug/kg	170	51.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	75		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-04
Client ID: TB-DOC53-062424-0740
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 07:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/30/24 20:38
Analyst: IM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 23:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	98	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	2900		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	740		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	220		ug/kg	170	59.	1
Butyl benzyl phthalate	370		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	2000		ug/kg	100	19.	1
Benzo(a)pyrene	2800		ug/kg	140	41.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-04 Date Collected: 06/24/24 07:40

Client ID: TB-DOC53-062424-0740 Date Received: 06/24/24

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						
Benzo(b)fluoranthene	3400		ug/kg	100	29.	1
Benzo(k)fluoranthene	1000		ug/kg	100	27.	1
Chrysene	2200		ug/kg	100	18.	1
Acenaphthylene	1000		ug/kg	140	26.	1
Anthracene	1000		ug/kg	100	33.	1
Benzo(ghi)perylene	2300		ug/kg	140	20.	1
Fluorene	200		ug/kg	170	16.	1
Phenanthrene	1800		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	420		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	1800		ug/kg	140	24.	1
Pyrene	3700		ug/kg	100	17.	1
Biphenyl	99	J	ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	210		ug/kg	170	16.	1
2-Methylnaphthalene	610		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	110	J	ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	820	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	27	J	ug/kg	240	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Carbazole	150	J	ug/kg	170	16.	1
Atrazine	ND		ug/kg	140	59.	1
Benzaldehyde	ND		ug/kg	220	46.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-04 Date Collected: 06/24/24 07:40

Client ID: TB-DOC53-062424-0740 Date Received: 06/24/24

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						
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	67		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-05
Client ID: TB-DOC54-062424-0750
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 07:50
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/30/24 21:01
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 23:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	78	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	1900		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	310		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	88	J	ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	1100		ug/kg	110	20.	1
Benzo(a)pyrene	1400		ug/kg	140	43.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-05 Date Collected: 06/24/24 07:50

Client ID: TB-DOC54-062424-0750 Date Received: 06/24/24

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						
Benzo(b)fluoranthene	1700		ug/kg	110	30.	1
Benzo(k)fluoranthene	460		ug/kg	110	28.	1
Chrysene	1300		ug/kg	110	18.	1
Acenaphthylene	570		ug/kg	140	27.	1
Anthracene	430		ug/kg	110	34.	1
Benzo(ghi)perylene	1200		ug/kg	140	21.	1
Fluorene	110	J	ug/kg	180	17.	1
Phenanthrene	1400		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	200		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	1000		ug/kg	140	25.	1
Pyrene	2100		ug/kg	110	18.	1
Biphenyl	56	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	90	J	ug/kg	180	17.	1
2-Methylnaphthalene	190	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	33	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	120	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-05 Date Collected: 06/24/24 07:50

Client ID: TB-DOC54-062424-0750 Date Received: 06/24/24

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						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	68		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-06
Client ID: TB-DOC55-062424-0800
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 08:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/30/24 21:24
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 23:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	200		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	3400		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	580		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	230		ug/kg	180	61.	1
Butyl benzyl phthalate	260		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	2200		ug/kg	100	20.	1
Benzo(a)pyrene	3200		ug/kg	140	43.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-06 Date Collected: 06/24/24 08:00

Client ID: TB-DOC55-062424-0800 Date Received: 06/24/24

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						
Benzo(b)fluoranthene	3800		ug/kg	100	30.	1
Benzo(k)fluoranthene	1100		ug/kg	100	28.	1
Chrysene	2400		ug/kg	100	18.	1
Acenaphthylene	1100		ug/kg	140	27.	1
Anthracene	1200		ug/kg	100	34.	1
Benzo(ghi)perylene	2800		ug/kg	140	21.	1
Fluorene	320		ug/kg	180	17.	1
Phenanthrene	2200		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	480		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	2100		ug/kg	140	24.	1
Pyrene	4100		ug/kg	100	17.	1
Biphenyl	90	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	260		ug/kg	180	17.	1
2-Methylnaphthalene	470		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	72	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	33	J	ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	200		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-06 Date Collected: 06/24/24 08:00

Client ID: TB-DOC55-062424-0800 Date Received: 06/24/24

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						
Caprolactam	ND		ug/kg	180	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	70		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-07
Client ID: TB-DOC56-062424-0815
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 08:15
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/30/24 21:48
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 23:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	200		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	4300		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	1100		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	770		ug/kg	180	61.	1
Butyl benzyl phthalate	980		ug/kg	180	44.	1
Di-n-butylphthalate	36	J	ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	3400		ug/kg	110	20.	1
Benzo(a)pyrene	4400		ug/kg	140	43.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-07 Date Collected: 06/24/24 08:15

Client ID: TB-DOC56-062424-0815 Date Received: 06/24/24

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						
Benzo(b)fluoranthene	6500		ug/kg	110	30.	1
Benzo(k)fluoranthene	1700		ug/kg	110	28.	1
Chrysene	3700		ug/kg	110	18.	1
Acenaphthylene	1600		ug/kg	140	27.	1
Anthracene	2200		ug/kg	110	34.	1
Benzo(ghi)perylene	3100		ug/kg	140	21.	1
Fluorene	280		ug/kg	180	17.	1
Phenanthrene	2600		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	750		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	3000		ug/kg	140	25.	1
Pyrene	4300		ug/kg	110	18.	1
Biphenyl	140	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	460		ug/kg	180	17.	1
2-Methylnaphthalene	1200		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	150	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	41	J	ug/kg	180	27.	1
2-Methylphenol	27	J	ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	70	J	ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	320		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	380		ug/kg	230	48.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-07 Date Collected: 06/24/24 08:15

Client ID: TB-DOC56-062424-0815 Date Received: 06/24/24

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						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	74		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-08
Client ID: TB-DOC57-062424-0830
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 08:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/30/24 22:12
Analyst: IM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 23:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	77	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	1500		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	560		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	500		ug/kg	170	60.	1
Butyl benzyl phthalate	540		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	1200		ug/kg	100	19.	1
Benzo(a)pyrene	1300		ug/kg	140	42.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-08 Date Collected: 06/24/24 08:30

Client ID: TB-DOC57-062424-0830 Date Received: 06/24/24

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						
Benzo(b)fluoranthene	2200		ug/kg	100	29.	1
Benzo(k)fluoranthene	540		ug/kg	100	28.	1
Chrysene	1400		ug/kg	100	18.	1
Acenaphthylene	750		ug/kg	140	27.	1
Anthracene	710		ug/kg	100	34.	1
Benzo(ghi)perylene	1400		ug/kg	140	20.	1
Fluorene	130	J	ug/kg	170	17.	1
Phenanthrene	1300		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	290		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	140	24.	1
Pyrene	1600		ug/kg	100	17.	1
Biphenyl	100	J	ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	300		ug/kg	170	16.	1
2-Methylnaphthalene	850		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	130	J	ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	38	J	ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	130	J	ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	60.	1
Benzaldehyde	ND		ug/kg	230	46.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-08 Date Collected: 06/24/24 08:30

Client ID: TB-DOC57-062424-0830 Date Received: 06/24/24

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						
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	64		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-09
Client ID: TB-DOC58-062424-0840
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 08:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/30/24 22:35
Analyst: IM
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 23:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	230		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	3900		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	1500		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	320		ug/kg	210	73.	1
Butyl benzyl phthalate	370		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	3100		ug/kg	130	24.	1
Benzo(a)pyrene	4100		ug/kg	170	51.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-09 Date Collected: 06/24/24 08:40

Client ID: TB-DOC58-062424-0840 Date Received: 06/24/24

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						
Benzo(b)fluoranthene	5300		ug/kg	130	35.	1
Benzo(k)fluoranthene	1300		ug/kg	130	34.	1
Chrysene	3400		ug/kg	130	22.	1
Acenaphthylene	1600		ug/kg	170	32.	1
Anthracene	1300		ug/kg	130	41.	1
Benzo(ghi)perylene	3700		ug/kg	170	25.	1
Fluorene	350		ug/kg	210	20.	1
Phenanthrene	2900		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	630		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	2900		ug/kg	170	29.	1
Pyrene	4900		ug/kg	130	21.	1
Biphenyl	200	J	ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	470		ug/kg	210	20.	1
2-Methylnaphthalene	1500		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	240		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	79.	1
4-Nitrophenol	ND		ug/kg	290	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	42	J	ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	68	J	ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	220		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	74.	1
Benzaldehyde	590		ug/kg	280	57.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-09 Date Collected: 06/24/24 08:40

Client ID: TB-DOC58-062424-0840 Date Received: 06/24/24

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						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
1,4-Dioxane	ND		ug/kg	32	9.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	74		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2435588
Project Number: 0200336-002
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-09
Client ID: TB-DOC58-062424-0840
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 08:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 07/05/24 07:57
Analyst: AC
Percent Solids: 78%

Extraction Method: EPA 1633
Extraction Date: 07/03/24 14:30
Cleanup Method: EPA 1633
Cleanup Date: 07/04/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.400	J	ng/g	0.789	0.050	1
Perfluoropentanoic Acid (PFPeA)	0.138	J	ng/g	0.394	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.789	0.080	1
Perfluorohexanoic Acid (PFHxA)	0.096	J	ng/g	0.197	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.197	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.096	J	ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	0.280		ng/g	0.197	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.15		ng/g	0.789	0.276	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	1.03		ng/g	0.197	0.078	1
Perfluorodecanoic Acid (PFDA)	0.092	J	ng/g	0.197	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.789	0.382	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.197	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.099	1
Perfluoroundecanoic Acid (PFUnA)	0.051	J	ng/g	0.197	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.081	1
Perfluorododecanoic Acid (PFDoA)	0.041	J	ng/g	0.197	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.105	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.789	0.097	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.789	0.144	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.197	0.038	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-09 Date Collected: 06/24/24 08:40

Client ID: TB-DOC58-062424-0840 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.789	0.193	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.789	0.165	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.197	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.197	0.110	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.97	0.247	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.97	0.504	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.394	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.394	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.394	0.082	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.394	0.094	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.986	0.142	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.93	0.498	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.93	1.74	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-09 Date Collected: 06/24/24 08:40

Client ID: TB-DOC58-062424-0840 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91		48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	77		48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	94		23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	88		35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	75		48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	104		19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84		48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	74		51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75		47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	168		10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	134		10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84		38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80		22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	137		10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	89		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	85		15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82		45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	70		10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	77		10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70		10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	79		13-116

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-10
Client ID: TB-DOC59-062424-0900
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 09:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/30/24 23:46
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 01:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	150		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	2300		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	340		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	66	J	ug/kg	180	61.	1
Butyl benzyl phthalate	120	J	ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	1500		ug/kg	100	20.	1
Benzo(a)pyrene	1800		ug/kg	140	43.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-10 Date Collected: 06/24/24 09:00

Client ID: TB-DOC59-062424-0900 Date Received: 06/24/24

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						
Benzo(b)fluoranthene	2300		ug/kg	100	30.	1
Benzo(k)fluoranthene	660		ug/kg	100	28.	1
Chrysene	1600		ug/kg	100	18.	1
Acenaphthylene	970		ug/kg	140	27.	1
Anthracene	680		ug/kg	100	34.	1
Benzo(ghi)perylene	1700		ug/kg	140	21.	1
Fluorene	190		ug/kg	180	17.	1
Phenanthrene	1700		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	260		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	140	24.	1
Pyrene	2700		ug/kg	100	17.	1
Biphenyl	69	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	150	J	ug/kg	180	17.	1
2-Methylnaphthalene	270		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	57	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	110	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	130	J	ug/kg	230	47.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-10 Date Collected: 06/24/24 09:00

Client ID: TB-DOC59-062424-0900 Date Received: 06/24/24

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						
Caprolactam	ND		ug/kg	180	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	79		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-11
Client ID: TB-DOC60-062424-0910
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 09:10
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 00:09
Analyst: IM
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 01:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	180		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	3700		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	730		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	210		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	2600		ug/kg	120	23.	1
Benzo(a)pyrene	3200		ug/kg	170	51.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-11 Date Collected: 06/24/24 09:10

Client ID: TB-DOC60-062424-0910 Date Received: 06/24/24

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						
Benzo(b)fluoranthene	4400		ug/kg	120	35.	1
Benzo(k)fluoranthene	1300		ug/kg	120	33.	1
Chrysene	2900		ug/kg	120	22.	1
Acenaphthylene	1100		ug/kg	170	32.	1
Anthracene	1100		ug/kg	120	41.	1
Benzo(ghi)perylene	2400		ug/kg	170	24.	1
Fluorene	250		ug/kg	210	20.	1
Phenanthrene	2600		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	490		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	2100		ug/kg	170	29.	1
Pyrene	3500		ug/kg	120	21.	1
Biphenyl	120	J	ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	310		ug/kg	210	20.	1
2-Methylnaphthalene	850		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	130	J	ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	40	J	ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	86	J	ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	260		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	270	56.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-11 Date Collected: 06/24/24 09:10

Client ID: TB-DOC60-062424-0910 Date Received: 06/24/24

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						
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	58		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-12
Client ID: TB-DOC61-062424-0925
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 09:25
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 00:32
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 01:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	320		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	3800		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	960		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	200		ug/kg	180	62.	1
Butyl benzyl phthalate	250		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	2600		ug/kg	110	20.	1
Benzo(a)pyrene	3000		ug/kg	140	44.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-12 Date Collected: 06/24/24 09:25

Client ID: TB-DOC61-062424-0925 Date Received: 06/24/24

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						
Benzo(b)fluoranthene	4200		ug/kg	110	30.	1
Benzo(k)fluoranthene	1300		ug/kg	110	29.	1
Chrysene	3000		ug/kg	110	19.	1
Acenaphthylene	1200		ug/kg	140	28.	1
Anthracene	1400		ug/kg	110	35.	1
Benzo(ghi)perylene	2600		ug/kg	140	21.	1
Fluorene	380		ug/kg	180	17.	1
Phenanthrene	3000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	500		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2100		ug/kg	140	25.	1
Pyrene	3900		ug/kg	110	18.	1
Biphenyl	150	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	420		ug/kg	180	17.	1
2-Methylnaphthalene	1000		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	160	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	35	J	ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	65	J	ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	240		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	48.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-12 Date Collected: 06/24/24 09:25

Client ID: TB-DOC61-062424-0925 Date Received: 06/24/24

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						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	67		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-13
Client ID: TB-DOC62-062424-0940
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 09:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 00:56
Analyst: IM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 01:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	250		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	4300		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	1200		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	610		ug/kg	170	60.	1
Butyl benzyl phthalate	790		ug/kg	170	44.	1
Di-n-butylphthalate	43	J	ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	3600		ug/kg	100	20.	1
Benzo(a)pyrene	4800		ug/kg	140	43.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-13 Date Collected: 06/24/24 09:40

Client ID: TB-DOC62-062424-0940 Date Received: 06/24/24

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						
Benzo(b)fluoranthene	6000		ug/kg	100	29.	1
Benzo(k)fluoranthene	1400		ug/kg	100	28.	1
Chrysene	3700		ug/kg	100	18.	1
Acenaphthylene	1700		ug/kg	140	27.	1
Anthracene	1700		ug/kg	100	34.	1
Benzo(ghi)perylene	4500		ug/kg	140	20.	1
Fluorene	350		ug/kg	170	17.	1
Phenanthrene	3300		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	840		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	3900		ug/kg	140	24.	1
Pyrene	4800		ug/kg	100	17.	1
Biphenyl	180	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	480		ug/kg	170	16.	1
2-Methylnaphthalene	1300		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	240		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	46	J	ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	59	J	ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	34.	1
Carbazole	260		ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-13 Date Collected: 06/24/24 09:40

Client ID: TB-DOC62-062424-0940 Date Received: 06/24/24

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						
Caprolactam	ND		ug/kg	170	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	60		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-14
Client ID: 4444-062424-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 11:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 06/29/24 03:40
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-14 Date Collected: 06/24/24 11:40

Client ID: 4444-062424-0001 Date Received: 06/24/24

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	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.9	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	67		41-149

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2435588
Project Number: 0200336-002
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-14
Client ID: 4444-062424-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 11:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 06/28/24 10:27
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 13:07

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

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-14 Date Collected: 06/24/24 11:40

Client ID: 4444-062424-0001 Date Received: 06/24/24

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	39		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	99		41-149

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-14
Client ID: 4444-062424-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 11:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/05/24 20:33
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/05/24 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.24	J	ng/l	5.93	0.949	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.96	0.793	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.48	0.497	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.93	1.55	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.48	0.437	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.48	0.259	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.48	0.296	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.48	0.356	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.48	0.645	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.93	2.00	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.48	0.400	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.48	0.467	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.48	0.675	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.48	0.600	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.93	2.30	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.48	0.460	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.48	0.808	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.48	0.645	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.48	0.341	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.48	0.400	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.48	0.801	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.48	0.682	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.48	0.556	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.48	0.393	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.93	0.830	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.93	0.934	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.48	0.563	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-14 Date Collected: 06/24/24 11:40

Client ID: 4444-062424-0001 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.93	1.22	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.93	1.22	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.48	0.645	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.48	0.682	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.8	3.48	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.8	1.82	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.96	0.423	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.96	0.393	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.96	0.326	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.96	1.75	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.41	2.45	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.1	8.67	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.1	5.85	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-14 Date Collected: 06/24/24 11:40

Client ID: 4444-062424-0001 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85		41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80		41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91		10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81		40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83		27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	93		10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77		38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90		32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	76		28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83		10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	82		10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	87		14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83		10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82		10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	68		10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63		11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	65		11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	83		10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	82		10-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/28/24 12:09
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG1940351-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/28/24 12:09
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 14 Batch: WG1940351-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	24		21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	39		15-120
2,4,6-Tribromophenol	38		10-120
4-Terphenyl-d14	72		41-149

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/28/24 11:58
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 14 Batch: WG1940352-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 06/28/24 11:58
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/27/24 13:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 14 Batch: WG1940352-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	89		41-149

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/30/24 15:09
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/28/24 23:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-13 Batch: WG1941064-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/30/24 15:09
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/28/24 23:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-13 Batch: WG1941064-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/30/24 15:09
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 06/28/24 23:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-13 Batch: WG1941064-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	76		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/05/24 07:18
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/03/24 14:30
Cleanup Method: EPA 1633
Cleanup Date: 07/04/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 09 Batch: WG1942903-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/05/24 07:18
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/03/24 14:30
Cleanup Method: EPA 1633
Cleanup Date: 07/04/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 09 Batch: WG1942903-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/05/24 07:18
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/03/24 14:30
Cleanup Method: EPA 1633
Cleanup Date: 07/04/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 09 Batch: WG1942903-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	99		48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82		48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	87		23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	89		35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	74		48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	96		19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80		47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81		10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	116		10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70		22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78		10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	45		15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89		45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60		10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	64		10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71		10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	71		13-116

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/05/24 15:39
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/05/24 07:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 14 Batch: WG1943306-1					
Perfluorobutanoic Acid (PFBA)	1.58	J	ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/05/24 15:39
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/05/24 07:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 14 Batch: WG1943306-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/05/24 15:39
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 07/05/24 07:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 14 Batch: WG1943306-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	87		41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96		29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	103		10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91		27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85		39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	99		10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87		32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90		10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	83		10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90		16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	89		14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	101		10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	97		10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	92		10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	87		35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57		11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	59		11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	82		10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	82		10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG1940351-2 WG1940351-3								
Bis(2-chloroethyl)ether	80		79		40-140	1		30
3,3'-Dichlorobenzidine	94		88		40-140	7		30
2,4-Dinitrotoluene	85		77		48-143	10		30
2,6-Dinitrotoluene	84		78		40-140	7		30
4-Chlorophenyl phenyl ether	73		70		40-140	4		30
4-Bromophenyl phenyl ether	74		71		40-140	4		30
Bis(2-chloroisopropyl)ether	72		74		40-140	3		30
Bis(2-chloroethoxy)methane	80		78		40-140	3		30
Hexachlorocyclopentadiene	**34**	Q	**33**	Q	40-140	3		30
Isophorone	81		80		40-140	1		30
Nitrobenzene	78		79		40-140	1		30
NDPA/DPA	83		76		40-140	9		30
n-Nitrosodi-n-propylamine	83		81		29-132	2		30
Bis(2-ethylhexyl)phthalate	78		70		40-140	11		30
Butyl benzyl phthalate	79		73		40-140	8		30
Di-n-butylphthalate	81		72		40-140	12		30
Di-n-octylphthalate	82		74		40-140	10		30
Diethyl phthalate	86		80		40-140	7		30
Dimethyl phthalate	87		78		40-140	11		30
Biphenyl	71		61		40-140	15		30
4-Chloroaniline	79		72		40-140	9		30
2-Nitroaniline	88		79		52-143	11		30
3-Nitroaniline	95		90		25-145	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG1940351-2 WG1940351-3								
4-Nitroaniline	90		88		51-143	2		30
Dibenzofuran	76		75		40-140	1		30
1,2,4,5-Tetrachlorobenzene	63		58		2-134	8		30
Acetophenone	80		78		39-129	3		30
2,4,6-Trichlorophenol	70		77		30-130	10		30
p-Chloro-m-cresol	83		78		23-97	6		30
2-Chlorophenol	65		77		27-123	17		30
2,4-Dichlorophenol	69		82		30-130	17		30
2,4-Dimethylphenol	73		73		30-130	0		30
2-Nitrophenol	66		82		30-130	22		30
4-Nitrophenol	36		45		10-80	22		30
2,4-Dinitrophenol	38		40		20-130	5		30
4,6-Dinitro-o-cresol	68		80		20-164	16		30
Phenol	38		42		12-110	10		30
2-Methylphenol	71		73		30-130	3		30
3-Methylphenol/4-Methylphenol	65		71		30-130	9		30
2,4,5-Trichlorophenol	72		77		30-130	7		30
Carbazole	88		82		55-144	7		30
Atrazine	77		70		40-140	10		30
Benzaldehyde	75		75		40-140	0		30
Caprolactam	27		27		10-130	0		30
2,3,4,6-Tetrachlorophenol	69		82		40-140	17		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 14 Batch: WG1940351-2 WG1940351-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	41		48		21-120
Phenol-d6	29		34		10-120
Nitrobenzene-d5	65		65		23-120
2-Fluorobiphenyl	52		51		15-120
2,4,6-Tribromophenol	63		73		10-120
4-Terphenyl-d14	68		63		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 14 Batch: WG1940352-2 WG1940352-3								
Acenaphthene	86		88		40-140	2		40
2-Chloronaphthalene	74		77		40-140	4		40
Fluoranthene	99		98		40-140	1		40
Hexachlorobutadiene	60		63		40-140	5		40
Naphthalene	74		78		40-140	5		40
Benzo(a)anthracene	97		100		40-140	3		40
Benzo(a)pyrene	110		107		40-140	3		40
Benzo(b)fluoranthene	110		103		40-140	7		40
Benzo(k)fluoranthene	100		106		40-140	6		40
Chrysene	108		102		40-140	6		40
Acenaphthylene	86		88		40-140	2		40
Anthracene	95		96		40-140	1		40
Benzo(ghi)perylene	112		108		40-140	4		40
Fluorene	89		90		40-140	1		40
Phenanthrene	90		90		40-140	0		40
Dibenzo(a,h)anthracene	117		115		40-140	2		40
Indeno(1,2,3-cd)pyrene	122		116		40-140	5		40
Pyrene	98		96		40-140	2		40
2-Methylnaphthalene	81		84		40-140	4		40
Pentachlorophenol	74		84		40-140	13		40
Hexachlorobenzene	77		78		40-140	1		40
Hexachloroethane	69		73		40-140	6		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 14 Batch: WG1940352-2 WG1940352-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	48		61		21-120
Phenol-d6	39		46		10-120
Nitrobenzene-d5	91		95		23-120
2-Fluorobiphenyl	55		60		15-120
2,4,6-Tribromophenol	84		99		10-120
4-Terphenyl-d14	81		80		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 Batch: WG1941064-2 WG1941064-3								
Acenaphthene	88		83		31-137	6		50
Hexachlorobenzene	95		90		40-140	5		50
Bis(2-chloroethyl)ether	86		84		40-140	2		50
2-Chloronaphthalene	87		84		40-140	4		50
3,3'-Dichlorobenzidine	85		82		40-140	4		50
2,4-Dinitrotoluene	109		103		40-132	6		50
2,6-Dinitrotoluene	101		97		40-140	4		50
Fluoranthene	91		87		40-140	4		50
4-Chlorophenyl phenyl ether	86		84		40-140	2		50
4-Bromophenyl phenyl ether	92		87		40-140	6		50
Bis(2-chloroisopropyl)ether	84		79		40-140	6		50
Bis(2-chloroethoxy)methane	94		87		40-117	8		50
Hexachlorobutadiene	81		77		40-140	5		50
Hexachlorocyclopentadiene	64		64		40-140	0		50
Hexachloroethane	82		79		40-140	4		50
Isophorone	88		84		40-140	5		50
Naphthalene	89		84		40-140	6		50
Nitrobenzene	96		93		40-140	3		50
NDPA/DPA	89		84		36-157	6		50
n-Nitrosodi-n-propylamine	89		85		32-121	5		50
Bis(2-ethylhexyl)phthalate	115		105		40-140	9		50
Butyl benzyl phthalate	94		88		40-140	7		50
Di-n-butylphthalate	99		94		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 Batch: WG1941064-2 WG1941064-3								
Di-n-octylphthalate	102		95		40-140	7		50
Diethyl phthalate	93		86		40-140	8		50
Dimethyl phthalate	86		82		40-140	5		50
Benzo(a)anthracene	89		84		40-140	6		50
Benzo(a)pyrene	95		89		40-140	7		50
Benzo(b)fluoranthene	96		87		40-140	10		50
Benzo(k)fluoranthene	93		92		40-140	1		50
Chrysene	88		84		40-140	5		50
Acenaphthylene	88		84		40-140	5		50
Anthracene	90		86		40-140	5		50
Benzo(ghi)perylene	90		85		40-140	6		50
Fluorene	87		83		40-140	5		50
Phenanthrene	88		83		40-140	6		50
Dibenzo(a,h)anthracene	90		85		40-140	6		50
Indeno(1,2,3-cd)pyrene	91		85		40-140	7		50
Pyrene	90		86		35-142	5		50
Biphenyl	89		85		37-127	5		50
4-Chloroaniline	75		71		40-140	5		50
2-Nitroaniline	112		108		47-134	4		50
3-Nitroaniline	92		87		26-129	6		50
4-Nitroaniline	110		103		41-125	7		50
Dibenzofuran	89		83		40-140	7		50
2-Methylnaphthalene	89		85		40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 Batch: WG1941064-2 WG1941064-3								
1,2,4,5-Tetrachlorobenzene	86		84		40-117	2		50
Acetophenone	93		90		14-144	3		50
2,4,6-Trichlorophenol	89		87		30-130	2		50
p-Chloro-m-cresol	98		92		26-103	6		50
2-Chlorophenol	92		88		25-102	4		50
2,4-Dichlorophenol	94		89		30-130	5		50
2,4-Dimethylphenol	86		81		30-130	6		50
2-Nitrophenol	108		103		30-130	5		50
4-Nitrophenol	106		96		11-114	10		50
2,4-Dinitrophenol	98		92		4-130	6		50
4,6-Dinitro-o-cresol	97		92		10-130	5		50
Pentachlorophenol	87		82		17-109	6		50
Phenol	**95**	Q	89		26-90	7		50
2-Methylphenol	96		90		30-130.	6		50
3-Methylphenol/4-Methylphenol	104		99		30-130	5		50
2,4,5-Trichlorophenol	93		89		30-130	4		50
Carbazole	89		87		54-128	2		50
Atrazine	92		88		40-140	4		50
Benzaldehyde	82		80		40-140	2		50
Caprolactam	108		101		15-130	7		50
2,3,4,6-Tetrachlorophenol	99		93		40-140	6		50
1,4-Dioxane	56		56		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 Batch: WG1941064-2 WG1941064-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	90		88		25-120
Phenol-d6	94		90		10-120
Nitrobenzene-d5	93		87		23-120
2-Fluorobiphenyl	84		81		30-120
2,4,6-Tribromophenol	105		101		10-136
4-Terphenyl-d14	92		87		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1942903-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	128		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	139		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	136		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	133		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	138		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	130		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	136		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	127		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	144		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	129		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	122		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	119		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	145		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	144		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	140		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	130		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	125		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	142		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	119		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	129		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	132		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	139		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1942903-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	118		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	130		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	134		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	144		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	82		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	138		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	108		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	129		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	142		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	119		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	132		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	118		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	128		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	136		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	132		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	132		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	126		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	**183**	Q	-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1942903-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94				48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84				48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	89				23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83				48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86				35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86				50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77				48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97				19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86				48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79				47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	87				10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	151				10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81				38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77				22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	94				10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67				33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	49				15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	86				45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	67				10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	66				10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	90				10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	82				13-116

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1942903-3								
Perfluorobutanoic Acid (PFBA)	114		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	123		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	114		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	114		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	117		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	114		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	113		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	107		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	120		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	113		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	128		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	108		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	112		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	115		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	121		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	118		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	108		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	112		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	103		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	108		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	108		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	112		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1942903-3								
Perfluorotridecanoic Acid (PFTrDA)	93		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	131		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	112		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	116		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	68		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	101		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	87		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	112		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	111		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	104		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	108		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	126		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	104		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	112		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	113		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	119		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	105		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	129		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09 Batch: WG1942903-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	87				46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	98				48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86				48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	86				23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	89				35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89				50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	79				48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	109				19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89				48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85				51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82				47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	80				10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	144				10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74				38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	78				22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	89				10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62				33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	34				15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	91				45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63				10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	65				10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	74				10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74				13-116

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG1943306-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	117		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	112		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	108		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	114		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	116		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	117		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	112		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	107		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	115		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	111		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	98		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	92		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	96		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	98		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	112		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	104		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	98		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	117		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	101		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	121		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	104		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG1943306-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	108		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	112		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	105		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	112		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	81		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	117		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	107		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	107		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	91		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	123		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	126		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	132		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	94		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	108		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	128		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	100		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	91		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	72		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG1943306-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80				41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89				29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81				41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	88				10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79				40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83				27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78				46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78				39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91				10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85				38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82				32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81				28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78				10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	73				10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79				16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	82				14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75				10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82				10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	67				10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82				35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	47				11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52				11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	75				10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	73				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG1943306-3								
Perfluorobutanoic Acid (PFBA)	91		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	88		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	87		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	87		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	87		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	96		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	88		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	88		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	83		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	92		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	87		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	81		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	85		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	81		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	96		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	90		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	83		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	87		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	89		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	86		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	85		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	85		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG1943306-3								
Perfluorotridecanoic Acid (PFTrDA)	85		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	90		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	89		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	91		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	67		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	91		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	85		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	85		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	85		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	96		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	101		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	103		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	78		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	87		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	96		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	85		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	86		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	68		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 14 Batch: WG1943306-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77				41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87				29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78				41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85				10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78				40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80				27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	74				46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77				39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83				10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	74				38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78				32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77				28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71				10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	73				10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77				16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	82				14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75				10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82				10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	69				10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	80				35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	56				11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	57				11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81				10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77				10-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

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): 01-13 QC Batch ID: WG1941064-4 WG1941064-5 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840												
Acenaphthene	230	1680	1500	75		1500	76		31-137	0		50
Hexachlorobenzene	ND	1680	1200	71		1200	72		40-140	0		50
Bis(2-chloroethyl)ether	ND	1680	1300	77		1400	84		40-140	7		50
2-Chloronaphthalene	ND	1680	1300	77		1400	84		40-140	7		50
3,3'-Dichlorobenzidine	ND	1680	260	**15**	Q	350	**21**	Q	40-140	30		50
2,4-Dinitrotoluene	ND	1680	720	43		830	50		40-132	14		50
2,6-Dinitrotoluene	ND	1680	680	40		810	48		40-140	17		50
Fluoranthene	3900	1680	5100	71		5500	96		40-140	8		50
4-Chlorophenyl phenyl ether	ND	1680	1300	77		1300	78		40-140	0		50
4-Bromophenyl phenyl ether	ND	1680	1300	77		1300	78		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1680	1200	71		1300	78		40-140	8		50
Bis(2-chloroethoxy)methane	ND	1680	1400	83		1400	84		40-117	0		50
Hexachlorobutadiene	ND	1680	1200	71		1200	72		40-140	0		50
Hexachlorocyclopentadiene	ND	1680	ND	**0**	Q	ND	**0**	Q	40-140	NC		50
Hexachloroethane	ND	1680	660	**39**	Q	720	43		40-140	9		50
Isophorone	ND	1680	1300	77		1400	84		40-140	7		50
Naphthalene	1500	1680	2400	53		2400	54		40-140	0		50
Nitrobenzene	ND	1680	1200	71		1200	72		40-140	0		50
NDPA/DPA	ND	1680	1300	77		1400	84		36-157	7		50
n-Nitrosodi-n-propylamine	ND	1680	1300	77		1400	84		32-121	7		50
Bis(2-ethylhexyl)phthalate	320	1680	2000	100		2100	110		40-140	5		50
Butyl benzyl phthalate	370	1680	1300	55		1300	56		40-140	0		50
Di-n-butylphthalate	ND	1680	1500	89		1600	96		40-140	6		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

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): 01-13 QC Batch ID: WG1941064-4 WG1941064-5 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840												
Di-n-octylphthalate	ND	1680	1500	89		1600	96		40-140	6		50
Diethyl phthalate	ND	1680	1300	77		1300	78		40-140	0		50
Dimethyl phthalate	ND	1680	1200	71		1300	78		40-140	8		50
Benzo(a)anthracene	3100	1680	4300	71		5000	110		40-140	15		50
Benzo(a)pyrene	4100	1680	5300	71		5600	90		40-140	6		50
Benzo(b)fluoranthene	5300	1680	6600	77		7300	120		40-140	10		50
Benzo(k)fluoranthene	1300	1680	2400	65		2400	66		40-140	0		50
Chrysene	3400	1680	4400	59		4900	90		40-140	11		50
Acenaphthylene	1600	1680	2500	53		2700	66		40-140	8		50
Anthracene	1300	1680	2700	83		2800	90		40-140	4		50
Benzo(ghi)perylene	3700	1680	4700	59		4700	60		40-140	0		50
Fluorene	350	1680	1500	68		1600	75		40-140	6		50
Phenanthrene	2900	1680	4100	71		3800	54		40-140	8		50
Dibenzo(a,h)anthracene	630	1680	1800	69		1900	76		40-140	5		50
Indeno(1,2,3-cd)pyrene	2900	1680	4000	65		4300	84		40-140	7		50
Pyrene	4900	1680	5500	36		6200	78		35-142	12		50
Biphenyl	200J	1680	1500	89		1500	90		37-127	0		50
4-Chloroaniline	ND	1680	700	42		890	53		40-140	24		50
2-Nitroaniline	ND	1680	1200	71		1400	84		47-134	15		50
3-Nitroaniline	ND	1680	830	49		1100	66		26-129	28		50
4-Nitroaniline	ND	1680	640	**38**	Q	950	57		41-125	39		50
Dibenzofuran	470	1680	1600	67		1600	67		40-140	0		50
2-Methylnaphthalene	1500	1680	2400	53		2300	48		40-140	4		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

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): 01-13 QC Batch ID: WG1941064-4 WG1941064-5 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840												
1,2,4,5-Tetrachlorobenzene	ND	1680	1400	83		1400	84		40-117	0		50
Acetophenone	240	1680	1600	81		1600	81		14-144	0		50
2,4,6-Trichlorophenol	ND	1680	1200	71		1300	78		30-130	8		50
p-Chloro-m-cresol	ND	1680	1300	77		1400	84		26-103	7		50
2-Chlorophenol	ND	1680	1400	83		1400	84		25-102	0		50
2,4-Dichlorophenol	ND	1680	1300	77		1400	84		30-130	7		50
2,4-Dimethylphenol	ND	1680	1300	77		1300	78		30-130	0		50
2-Nitrophenol	ND	1680	480	**28**	Q	560	33		30-130	15		50
4-Nitrophenol	ND	1680	450	27		720	43		11-114	46		50
2,4-Dinitrophenol	ND	1680	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1680	ND	**0**	Q	ND	**0**	Q	10-130	NC		50
Pentachlorophenol	ND	1680	550	33		580	35		17-109	5		50
Phenol	42J	1680	1400	83		1400	84		26-90	0		50
2-Methylphenol	ND	1680	1400	83		1400	84		30-130.	0		50
3-Methylphenol/4-Methylphenol	68J	1680	1400	83		1500	90		30-130	7		50
2,4,5-Trichlorophenol	ND	1680	1200	71		1300	78		30-130	8		50
Carbazole	220	1680	1400	70		1400	70		54-128	0		50
Atrazine	ND	1680	1100	65		1200	72		40-140	9		50
Benzaldehyde	590	1680	1900	78		1900	78		40-140	0		50
Caprolactam	ND	1680	890	53		1400	84		15-130	45		50
2,3,4,6-Tetrachlorophenol	ND	1680	1100	65		1100	66		40-140	0		50
1,4-Dioxane	ND	1680	650	**39**	Q	660	**39**	Q	40-140	2		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

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): 01-13 QC Batch ID: WG1941064-4 WG1941064-5 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	62		69		10-136
2-Fluorobiphenyl	74		77		30-120
2-Fluorophenol	73		78		25-120
4-Terphenyl-d14	64		66		18-120
Nitrobenzene-d5	67		73		23-120
Phenol-d6	75		81		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

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 EPA 1633 - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1942903-4 WG1942903-5 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840												
Perfluorobutanoic Acid (PFBA)	0.400J	7.96	8.64	103		9.67	117		40-150	11		30
Perfluoropentanoic Acid (PFPeA)	0.138J	3.98	4.61	112		5.08	124		40-150	10		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.77	1.95	110		2.13	121		40-150	9		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	7.47	8.22	110		7.82	105		40-150	5		30
Perfluorohexanoic Acid (PFHxA)	0.096J	1.99	2.20	106		2.51	122		40-150	13		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.87	1.95	104		1.95	104		40-150	0		30
Perfluoroheptanoic Acid (PFHpA)	0.096J	1.99	2.10	101		2.43	118		40-150	15		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.82	1.97	108		2.03	112		40-150	3		30
Perfluorooctanoic Acid (PFOA)	0.280	1.99	2.50	111		2.75	124		40-150	10		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.15	7.57	8.36	95		8.76	101		40-150	5		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.9	2.30	121		2.44	129		40-150	6		30
Perfluorononanoic Acid (PFNA)	ND	1.99	2.00	100		2.09	105		40-150	4		30
Perfluorooctanesulfonic Acid (PFOS)	1.03	1.85	2.72	92		3.09	112		40-150	13		30
Perfluorodecanoic Acid (PFDA)	0.092J	1.99	2.13	102		2.08	100		40-150	2		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.65	8.62	113		9.78	128		40-150	13		30
Perfluorononanesulfonic Acid (PFNS)	ND	1.92	2.02	105		2.32	121		40-150	14		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.99	1.84	92		1.99	100		40-150	8		30
Perfluoroundecanoic Acid (PFUnA)	0.051J	1.99	2.02	99		2.45	121		40-150	19		30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.92	1.98	103		2.14	112		40-150	8		30
Perfluorooctanesulfonamide (PFOSA)	ND	1.99	2.03	102		2.17	109		40-150	7		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.99	2.17	109		2.28	115		40-150	5		30
Perfluorododecanoic Acid (PFDoA)	0.041J	1.99	2.10	103		2.46	122		40-150	16		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

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 EPA 1633 - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1942903-4 WG1942903-5 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840												
Perfluorotridecanoic Acid (PFTrDA)	ND	1.99	2.18	109		2.69	136		40-150	21		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.99	2.06	103		2.30	116		40-150	11		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	7.96	8.28	104		9.30	117		40-150	12		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	7.53	8.26	110		9.43	126		40-150	13		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	1.93	1.62	84		1.83	95		40-150	12		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	7.45	7.21	97		10.1	136		40-150	**33**	Q	30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	7.53	7.02	93		10.2	136		40-150	**37**	Q	30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.99	1.92	96		2.42	122		40-150	23		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.99	1.95	98		2.21	111		40-150	13		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	19.9	18.6	93		21.4	108		40-150	14		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	19.9	19.4	97		21.4	108		40-150	10		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.98	4.48	112		5.06	127		40-150	12		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.98	3.76	94		4.22	106		40-150	12		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.54	3.53	100		4.23	120		40-150	18		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.98	4.03	101		4.61	116		40-150	13		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	9.96	8.80	88		9.91	100		40-150	12		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	49.8	38.4	77		50.4	102		40-150	27		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	49.8	48.2	97		70.1	141		40-150	**37**	Q	30

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

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 EPA 1633 - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1942903-4 WG1942903-5 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	130		**195**	Q	10-175
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	75		88		23-136
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91		113		19-133
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	77		71		10-102
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	129		147		10-163
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74		74		13-116
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	73		61		10-97
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	129		136		10-154
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	67		68		10-132
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	70		86		50-104
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77		84		22-109
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	72		77		51-104
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	69		76		48-111
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74		86		38-119
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	68		93		47-109
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	71		80		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	72		85		35-125
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		92		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	67		78		15-109
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	72		83		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76		92		48-107
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	64		75		48-109
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	75		90		48-106

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

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 EPA 1633 - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1942903-4 WG1942903-5 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	71		83		45-108

PCBS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-09
Client ID: TB-DOC58-062424-0840
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 08:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 10:14
Analyst: EMR
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:23
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.1	5.25	1	A
Aroclor 1221	ND		ug/kg	59.1	5.92	1	A
Aroclor 1232	ND		ug/kg	59.1	12.5	1	A
Aroclor 1242	ND		ug/kg	59.1	7.96	1	A
Aroclor 1248	24.6	J	ug/kg	59.1	8.86	1	A
Aroclor 1254	22.8	J	ug/kg	59.1	6.46	1	B
Aroclor 1260	42.3	J	ug/kg	59.1	10.9	1	A
Aroclor 1262	ND		ug/kg	59.1	7.50	1	A
Aroclor 1268	ND		ug/kg	59.1	6.12	1	A
PCBs, Total	89.7	J	ug/kg	59.1	5.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2435588
Project Number: 0200336-002
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-14
Client ID: 4444-062424-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 11:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/01/24 10:56
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 06/30/24 07:29
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/01/24 09:05
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 06/29/24 02:13
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 09 Batch: WG1941092-1						
Aroclor 1016	ND		ug/kg	46.6	4.14	A
Aroclor 1221	ND		ug/kg	46.6	4.67	A
Aroclor 1232	ND		ug/kg	46.6	9.88	A
Aroclor 1242	ND		ug/kg	46.6	6.28	A
Aroclor 1248	ND		ug/kg	46.6	6.99	A
Aroclor 1254	ND		ug/kg	46.6	5.10	A
Aroclor 1260	ND		ug/kg	46.6	8.61	A
Aroclor 1262	ND		ug/kg	46.6	5.92	A
Aroclor 1268	ND		ug/kg	46.6	4.83	A
PCBs, Total	ND		ug/kg	46.6	4.14	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	119		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/01/24 10:00
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 06/30/24 07:29
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 14 Batch: WG1941350-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	116		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 09 Batch: WG1941092-2 WG1941092-3									
Aroclor 1016	83		88		40-140	6		50	A
Aroclor 1260	79		85		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		96		30-150	A
Decachlorobiphenyl	105		113		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		99		30-150	B
Decachlorobiphenyl	107		116		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 14 Batch: WG1941350-2 WG1941350-3									
Aroclor 1016	90		93		40-140	3		50	A
Aroclor 1260	84		87		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		84		30-150	A
Decachlorobiphenyl	92		96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		85		30-150	B
Decachlorobiphenyl	138		141		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1941092-6 WG1941092-7 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840													
Aroclor 1016	ND	385	303	79		246	65		40-140	21		50	A
Aroclor 1260	42.3J	385	290	75		239	64		40-140	19		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		66		30-150	A
Decachlorobiphenyl	89		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		66		30-150	B
Decachlorobiphenyl	98		86		30-150	B

PESTICIDES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-09
Client ID: TB-DOC58-062424-0840
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 08:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/01/24 07:12
Analyst: KB
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 06/29/24 06:04
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.392	1	A
Lindane	ND		ug/kg	0.835	0.373	1	A
Alpha-BHC	ND		ug/kg	0.835	0.237	1	A
Beta-BHC	ND		ug/kg	2.00	0.760	1	A
Heptachlor	ND		ug/kg	1.00	0.449	1	A
Aldrin	ND		ug/kg	2.00	0.705	1	A
Heptachlor epoxide	ND		ug/kg	3.76	1.13	1	A
Endrin	ND		ug/kg	0.835	0.342	1	A
Endrin aldehyde	ND		ug/kg	2.50	0.876	1	A
Endrin ketone	ND		ug/kg	2.00	0.516	1	A
Dieldrin	ND		ug/kg	1.25	0.626	1	A
4,4'-DDE	1.61	JIP	ug/kg	2.00	0.463	1	B
4,4'-DDD	ND		ug/kg	2.00	0.714	1	A
4,4'-DDT	7.26		ug/kg	2.00	1.61	1	A
Endosulfan I	ND		ug/kg	2.00	0.473	1	A
Endosulfan II	ND		ug/kg	2.00	0.669	1	A
Endosulfan sulfate	ND		ug/kg	0.835	0.397	1	A
Methoxychlor	ND		ug/kg	3.76	1.17	1	A
Toxaphene	ND		ug/kg	37.6	10.5	1	A
cis-Chlordane	ND		ug/kg	2.50	0.698	1	A
trans-Chlordane	ND		ug/kg	2.50	0.661	1	A
Chlordane	ND		ug/kg	16.7	6.64	1	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-09 Date Collected: 06/24/24 08:40

Client ID: TB-DOC58-062424-0840 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2435588
Project Number: 0200336-002
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-09
Client ID: TB-DOC58-062424-0840
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 08:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 06/30/24 18:05
Analyst: AKM
Percent Solids: 78%
Methylation Date: 06/30/24 08:55

Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	209	13.2	1	A
2,4,5-T	ND		ug/kg	209	6.49	1	A
2,4,5-TP (Silvex)	ND		ug/kg	209	5.57	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	99		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2435588
Project Number: 0200336-002
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-14
Client ID: 4444-062424-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 11:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/30/24 13:43
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 06/28/24 11:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-14 Date Collected: 06/24/24 11:40

Client ID: 4444-062424-0001 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-14
Client ID: 4444-062424-0001
Sample Location: ROCHESTER, NY

Date Collected: 06/24/24 11:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 06/27/24 00:25
Analyst: EMR

Extraction Method: EPA 8151A
Extraction Date: 06/25/24 14:00

Methylation Date: 06/26/24 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	72		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/26/24 23:12
Analyst: EMR

Extraction Method: EPA 8151A
Extraction Date: 06/25/24 14:00

Methylation Date: 06/26/24 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 14 Batch: WG1939154-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	76		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/30/24 12:28
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 06/28/24 11:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 14 Batch: WG1940827-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/30/24 12:28
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 06/28/24 11:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 14 Batch: WG1940827-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/30/24 11:26
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 06/28/24 14:58

Methylation Date: 06/30/24 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 09 Batch: WG1940956-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	112		30-150	A
DCAA	105		30-150	B

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/01/24 06:22
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09 Batch: WG1941095-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.658	0.294	A
Alpha-BHC	ND		ug/kg	0.658	0.187	A
Beta-BHC	ND		ug/kg	1.58	0.599	A
Heptachlor	ND		ug/kg	0.789	0.354	A
Aldrin	ND		ug/kg	1.58	0.556	A
Heptachlor epoxide	ND		ug/kg	2.96	0.888	A
Endrin	ND		ug/kg	0.658	0.270	A
Endrin aldehyde	ND		ug/kg	1.97	0.691	A
Endrin ketone	ND		ug/kg	1.58	0.406	A
Dieldrin	ND		ug/kg	0.987	0.493	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDD	ND		ug/kg	1.58	0.563	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.373	A
Endosulfan II	ND		ug/kg	1.58	0.528	A
Endosulfan sulfate	ND		ug/kg	0.658	0.313	A
Methoxychlor	ND		ug/kg	2.96	0.921	A
Toxaphene	ND		ug/kg	29.6	8.29	A
cis-Chlordane	ND		ug/kg	1.97	0.550	A
trans-Chlordane	ND		ug/kg	1.97	0.521	A
Chlordane	ND		ug/kg	13.2	5.23	A

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/01/24 06:22
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 06/29/24 03:35
Cleanup Method: EPA 3620B
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09 Batch: WG1941095-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	100		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 14 Batch: WG1939154-2 WG1939154-3									
2,4-D	86		85		30-150	1		25	A
2,4,5-T	87		87		30-150	0		25	A
2,4,5-TP (Silvex)	87		85		30-150	2		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	82		82		30-150	A
DCAA	90		89		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 14 Batch: WG1940827-2 WG1940827-3									
Delta-BHC	65		60		30-150	8		20	A
Lindane	68		61		30-150	10		20	A
Alpha-BHC	71		64		30-150	10		20	A
Beta-BHC	68		61		30-150	10		20	A
Heptachlor	67		61		30-150	9		20	A
Aldrin	68		62		30-150	10		20	A
Heptachlor epoxide	70		64		30-150	9		20	A
Endrin	74		68		30-150	9		20	A
Endrin aldehyde	60		55		30-150	8		20	A
Endrin ketone	71		67		30-150	5		20	A
Dieldrin	79		73		30-150	9		20	A
4,4'-DDE	73		66		30-150	10		20	A
4,4'-DDD	80		75		30-150	7		20	A
4,4'-DDT	75		69		30-150	8		20	A
Endosulfan I	70		64		30-150	10		20	A
Endosulfan II	75		69		30-150	7		20	A
Endosulfan sulfate	75		70		30-150	6		20	A
Methoxychlor	85		78		30-150	8		20	A
cis-Chlordane	68		62		30-150	9		20	A
trans-Chlordane	79		72		30-150	9		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 14 Batch: WG1940827-2 WG1940827-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		54		30-150	A
Decachlorobiphenyl	64		59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		55		30-150	B
Decachlorobiphenyl	71		67		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1940956-2 WG1940956-3									
2,4-D	79		85		30-150	7		30	A
2,4,5-T	79		84		30-150	6		30	A
2,4,5-TP (Silvex)	77		81		30-150	5		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	99		101		30-150	A
DCAA	112		115		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1941095-2 WG1941095-3									
Delta-BHC	88		94		30-150	7		30	A
Lindane	87		90		30-150	3		30	A
Alpha-BHC	91		93		30-150	2		30	A
Beta-BHC	85		88		30-150	3		30	A
Heptachlor	85		92		30-150	8		30	A
Aldrin	91		92		30-150	1		30	A
Heptachlor epoxide	86		90		30-150	5		30	A
Endrin	95		98		30-150	3		30	A
Endrin aldehyde	80		86		30-150	7		30	A
Endrin ketone	92		92		30-150	0		30	A
Dieldrin	102		106		30-150	4		30	A
4,4'-DDE	94		98		30-150	4		30	A
4,4'-DDD	103		108		30-150	5		30	A
4,4'-DDT	93		97		30-150	4		30	A
Endosulfan I	90		94		30-150	4		30	A
Endosulfan II	96		100		30-150	4		30	A
Endosulfan sulfate	97		99		30-150	2		30	A
Methoxychlor	103		107		30-150	4		30	A
cis-Chlordane	88		91		30-150	3		30	A
trans-Chlordane	93		96		30-150	3		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1941095-2 WG1941095-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		86		30-150	A
Decachlorobiphenyl	94		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		90		30-150	B
Decachlorobiphenyl	106		112		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1940956-6 WG1940956-7 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840													
2,4-D	ND	211	235	111		223	106		30-150	5		30	A
2,4,5-T	ND	211	166J	79		169J	80		30-150	2		30	A
2,4,5-TP (Silvex)	ND	211	163J	77		165J	78		30-150	1		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	94		85		30-150	A
DCAA	100		99		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1941095-4 WG1941095-5 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840													
Delta-BHC	ND	40.6	27.1	67		42.4	99		30-150	44		50	A
Lindane	ND	40.6	26.8	66		36.0	84		30-150	29		50	A
Alpha-BHC	ND	40.6	35.0	86		45.3	106		30-150	26		50	A
Beta-BHC	ND	40.6	26.1	64		32.1	75		30-150	21		50	A
Heptachlor	ND	40.6	25.7	63		33.9	79		30-150	28		50	A
Aldrin	ND	40.6	29.4	73		38.7	90		30-150	27		50	A
Heptachlor epoxide	ND	40.6	27.1	67		37.2	87		30-150	31		50	A
Endrin	ND	40.6	28.0	69		38.3	89		30-150	31		50	A
Endrin aldehyde	ND	40.6	56.8	140		74.5	**174**	Q	30-150	27		50	A
Endrin ketone	ND	40.6	27.2	67		36.0	84		30-150	28		50	A
Dieldrin	ND	40.6	30.4	75		41.2	96		30-150	30		50	A
4,4'-DDE	1.61JIP	40.6	29.8	74		33.4	78		30-150	11		50	B
4,4'-DDD	ND	40.6	35.5	88		46.4	108		30-150	27		50	A
4,4'-DDT	7.26	40.6	34.2	66		45.5	89		30-150	28		50	A
Endosulfan I	ND	40.6	26.5	65		36.0	84		30-150	30		50	A
Endosulfan II	ND	40.6	30.6	76		39.2	91		30-150	25		50	A
Endosulfan sulfate	ND	40.6	28.4	70		44.3	103		30-150	44		50	A
Methoxychlor	ND	40.6	26.2	65		42.8	100		30-150	48		50	A
cis-Chlordane	ND	40.6	30.1	74		35.7	83		30-150	17		50	A
trans-Chlordane	ND	40.6	27.4	68		36.5	85		30-150	28		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1941095-4 WG1941095-5 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		95		30-150	A
Decachlorobiphenyl	58		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		80		30-150	B
Decachlorobiphenyl	68		80		30-150	B

METALS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-01 Date Collected: 06/20/24 11:42

Client ID: TB-DOC48-062024-1142 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5160		mg/kg	9.22	2.49	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Antimony, Total	1.22	J	mg/kg	4.61	0.350	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Arsenic, Total	33.6		mg/kg	0.922	0.192	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Barium, Total	69.0		mg/kg	0.922	0.160	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.340	J	mg/kg	0.461	0.030	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Cadmium, Total	1.17		mg/kg	0.922	0.090	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Calcium, Total	21100		mg/kg	9.22	3.22	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Chromium, Total	11.0		mg/kg	0.922	0.089	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Cobalt, Total	9.06		mg/kg	1.84	0.153	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Copper, Total	66.8		mg/kg	0.922	0.238	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Iron, Total	12800		mg/kg	4.61	0.832	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Lead, Total	828		mg/kg	4.61	0.247	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Magnesium, Total	5650		mg/kg	9.22	1.42	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Manganese, Total	509		mg/kg	0.922	0.146	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Mercury, Total	0.998		mg/kg	0.081	0.053	1	06/27/24 23:45	06/28/24 21:06	EPA 7471B	1,7471B	MJR
Nickel, Total	15.4		mg/kg	2.30	0.223	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Potassium, Total	432		mg/kg	230	13.3	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Selenium, Total	1.24	J	mg/kg	1.84	0.238	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Silver, Total	0.728		mg/kg	0.461	0.261	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Sodium, Total	112	J	mg/kg	184	2.90	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.84	0.290	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Vanadium, Total	10.6		mg/kg	0.922	0.187	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY
Zinc, Total	380		mg/kg	4.61	0.270	2	06/27/24 22:25	06/28/24 20:31	EPA 3050B	1,6010D	CEY

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-02 Date Collected: 06/24/24 07:20

Client ID: TB-DOC51-062424-0720 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3720		mg/kg	8.21	2.22	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Antimony, Total	4.12		mg/kg	4.10	0.312	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Arsenic, Total	53.0		mg/kg	0.821	0.171	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Barium, Total	73.0		mg/kg	0.821	0.143	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.289	J	mg/kg	0.410	0.027	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.654	J	mg/kg	0.821	0.080	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Calcium, Total	43800		mg/kg	8.21	2.87	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Chromium, Total	7.10		mg/kg	0.821	0.079	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Cobalt, Total	5.85		mg/kg	1.64	0.136	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Copper, Total	53.9		mg/kg	0.821	0.212	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Iron, Total	22200		mg/kg	4.10	0.741	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Lead, Total	426		mg/kg	4.10	0.220	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Magnesium, Total	11500		mg/kg	8.21	1.26	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Manganese, Total	360		mg/kg	0.821	0.130	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Mercury, Total	0.554		mg/kg	0.068	0.044	1	06/27/24 23:45	06/28/24 21:09	EPA 7471B	1,7471B	MJR
Nickel, Total	11.0		mg/kg	2.05	0.199	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Potassium, Total	478		mg/kg	205	11.8	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Selenium, Total	1.12	J	mg/kg	1.64	0.212	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Silver, Total	0.829		mg/kg	0.410	0.232	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Sodium, Total	148	J	mg/kg	164	2.58	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.64	0.258	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Vanadium, Total	10.2		mg/kg	0.821	0.167	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY
Zinc, Total	205		mg/kg	4.10	0.240	2	06/27/24 22:25	06/28/24 20:37	EPA 3050B	1,6010D	CEY

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-03 Date Collected: 06/24/24 07:30

Client ID: TB-DOC52-062424-0730 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3370		mg/kg	7.97	2.15	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Antimony, Total	3.09	J	mg/kg	3.98	0.303	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Arsenic, Total	52.7		mg/kg	0.797	0.166	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Barium, Total	52.1		mg/kg	0.797	0.139	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.258	J	mg/kg	0.398	0.026	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.556	J	mg/kg	0.797	0.078	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Calcium, Total	65700		mg/kg	7.97	2.79	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Chromium, Total	7.10		mg/kg	0.797	0.077	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Cobalt, Total	4.89		mg/kg	1.59	0.132	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Copper, Total	53.8		mg/kg	0.797	0.206	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Iron, Total	14200		mg/kg	3.98	0.720	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Lead, Total	162		mg/kg	3.98	0.214	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Magnesium, Total	18200		mg/kg	7.97	1.23	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Manganese, Total	269		mg/kg	0.797	0.127	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Mercury, Total	0.653		mg/kg	0.071	0.046	1	06/27/24 23:45	06/28/24 21:12	EPA 7471B	1,7471B	MJR
Nickel, Total	10.5		mg/kg	1.99	0.193	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Potassium, Total	443		mg/kg	199	11.5	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Selenium, Total	0.425	J	mg/kg	1.59	0.206	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Silver, Total	0.384	J	mg/kg	0.398	0.226	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Sodium, Total	157	J	mg/kg	159	2.51	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.59	0.251	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Vanadium, Total	9.28		mg/kg	0.797	0.162	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY
Zinc, Total	215		mg/kg	3.98	0.234	2	06/27/24 22:25	06/28/24 20:42	EPA 3050B	1,6010D	CEY

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-04 Date Collected: 06/24/24 07:40

Client ID: TB-DOC53-062424-0740 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4240		mg/kg	7.82	2.11	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Antimony, Total	2.65	J	mg/kg	3.91	0.297	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Arsenic, Total	54.8		mg/kg	0.782	0.163	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Barium, Total	71.6		mg/kg	0.782	0.136	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.303	J	mg/kg	0.391	0.026	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.634	J	mg/kg	0.782	0.077	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Calcium, Total	60000		mg/kg	7.82	2.74	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Chromium, Total	7.84		mg/kg	0.782	0.075	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Cobalt, Total	5.72		mg/kg	1.56	0.130	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Copper, Total	53.4		mg/kg	0.782	0.202	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Iron, Total	18300		mg/kg	3.91	0.706	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Lead, Total	169		mg/kg	3.91	0.210	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Magnesium, Total	15700		mg/kg	7.82	1.20	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Manganese, Total	301		mg/kg	0.782	0.124	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Mercury, Total	0.748		mg/kg	0.075	0.049	1	06/27/24 23:45	06/28/24 21:22	EPA 7471B	1,7471B	MJR
Nickel, Total	12.1		mg/kg	1.96	0.189	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Potassium, Total	533		mg/kg	196	11.3	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Selenium, Total	0.919	J	mg/kg	1.56	0.202	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Silver, Total	0.411		mg/kg	0.391	0.221	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Sodium, Total	179		mg/kg	156	2.46	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.56	0.246	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Vanadium, Total	10.9		mg/kg	0.782	0.159	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY
Zinc, Total	222		mg/kg	3.91	0.229	2	06/27/24 22:25	06/28/24 20:48	EPA 3050B	1,6010D	CEY

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-05 Date Collected: 06/24/24 07:50

Client ID: TB-DOC54-062424-0750 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4620		mg/kg	8.33	2.25	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Antimony, Total	0.735	J	mg/kg	4.17	0.317	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Arsenic, Total	9.62		mg/kg	0.833	0.173	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Barium, Total	40.7		mg/kg	0.833	0.145	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.253	J	mg/kg	0.417	0.028	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.382	J	mg/kg	0.833	0.082	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Calcium, Total	25800		mg/kg	8.33	2.92	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Chromium, Total	5.98		mg/kg	0.833	0.080	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Cobalt, Total	4.86		mg/kg	1.67	0.138	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Copper, Total	21.9		mg/kg	0.833	0.215	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Iron, Total	9750		mg/kg	4.17	0.752	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Lead, Total	143		mg/kg	4.17	0.223	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Magnesium, Total	6000		mg/kg	8.33	1.28	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Manganese, Total	362		mg/kg	0.833	0.132	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Mercury, Total	0.614		mg/kg	0.079	0.052	1	06/27/24 23:45	06/28/24 21:26	EPA 7471B	1,7471B	MJR
Nickel, Total	9.33		mg/kg	2.08	0.202	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Potassium, Total	466		mg/kg	208	12.0	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Selenium, Total	0.364	J	mg/kg	1.67	0.215	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Silver, Total	ND		mg/kg	0.417	0.236	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Sodium, Total	75.4	J	mg/kg	167	2.62	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.67	0.262	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Vanadium, Total	9.52		mg/kg	0.833	0.169	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY
Zinc, Total	125		mg/kg	4.17	0.244	2	06/27/24 22:25	06/28/24 20:54	EPA 3050B	1,6010D	CEY

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-06 Date Collected: 06/24/24 08:00

Client ID: TB-DOC55-062424-0800 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4320		mg/kg	8.12	2.19	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Antimony, Total	2.63	J	mg/kg	4.06	0.308	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Arsenic, Total	48.8		mg/kg	0.812	0.169	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Barium, Total	67.9		mg/kg	0.812	0.141	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.329	J	mg/kg	0.406	0.027	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.635	J	mg/kg	0.812	0.080	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Calcium, Total	47300		mg/kg	8.12	2.84	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Chromium, Total	7.76		mg/kg	0.812	0.078	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Cobalt, Total	6.07		mg/kg	1.62	0.135	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Copper, Total	87.0		mg/kg	0.812	0.209	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Iron, Total	15500		mg/kg	4.06	0.733	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Lead, Total	206		mg/kg	4.06	0.218	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Magnesium, Total	13100		mg/kg	8.12	1.25	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Manganese, Total	335		mg/kg	0.812	0.129	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Mercury, Total	0.624		mg/kg	0.075	0.049	1	06/27/24 23:45	06/28/24 21:29	EPA 7471B	1,7471B	MJR
Nickel, Total	12.8		mg/kg	2.03	0.196	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Potassium, Total	479		mg/kg	203	11.7	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Selenium, Total	0.466	J	mg/kg	1.62	0.209	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Silver, Total	0.432		mg/kg	0.406	0.230	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Sodium, Total	162		mg/kg	162	2.56	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.62	0.256	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Vanadium, Total	11.1		mg/kg	0.812	0.165	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY
Zinc, Total	220		mg/kg	4.06	0.238	2	06/27/24 22:25	06/28/24 20:59	EPA 3050B	1,6010D	CEY

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-07 Date Collected: 06/24/24 08:15

Client ID: TB-DOC56-062424-0815 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3540		mg/kg	8.24	2.22	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Antimony, Total	6.04		mg/kg	4.12	0.313	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Arsenic, Total	123		mg/kg	0.824	0.171	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Barium, Total	61.4		mg/kg	0.824	0.143	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.324	J	mg/kg	0.412	0.027	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.801	J	mg/kg	0.824	0.081	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Calcium, Total	47000		mg/kg	8.24	2.88	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Chromium, Total	25.5		mg/kg	0.824	0.079	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Cobalt, Total	6.39		mg/kg	1.65	0.137	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Copper, Total	77.8		mg/kg	0.824	0.212	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Iron, Total	21800		mg/kg	4.12	0.744	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Lead, Total	223		mg/kg	4.12	0.221	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Magnesium, Total	15900		mg/kg	8.24	1.27	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Manganese, Total	334		mg/kg	0.824	0.131	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Mercury, Total	0.579		mg/kg	0.077	0.050	1	06/27/24 23:45	06/28/24 21:32	EPA 7471B	1,7471B	MJR
Nickel, Total	17.6		mg/kg	2.06	0.199	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Potassium, Total	440		mg/kg	206	11.9	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Selenium, Total	0.837	J	mg/kg	1.65	0.212	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Silver, Total	0.501		mg/kg	0.412	0.233	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Sodium, Total	154	J	mg/kg	165	2.60	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.65	0.260	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Vanadium, Total	10.3		mg/kg	0.824	0.167	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY
Zinc, Total	244		mg/kg	4.12	0.241	2	06/27/24 22:25	06/28/24 21:05	EPA 3050B	1,6010D	CEY

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-08 Date Collected: 06/24/24 08:30

Client ID: TB-DOC57-062424-0830 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2670		mg/kg	8.10	2.19	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Antimony, Total	4.73		mg/kg	4.05	0.308	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Arsenic, Total	109		mg/kg	0.810	0.168	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Barium, Total	67.6		mg/kg	0.810	0.141	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.336	J	mg/kg	0.405	0.027	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.603	J	mg/kg	0.810	0.079	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Calcium, Total	29600		mg/kg	8.10	2.84	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Chromium, Total	6.70		mg/kg	0.810	0.078	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Cobalt, Total	6.03		mg/kg	1.62	0.134	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Copper, Total	76.2		mg/kg	0.810	0.209	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Iron, Total	17800		mg/kg	4.05	0.732	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Lead, Total	155		mg/kg	4.05	0.217	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Magnesium, Total	9970		mg/kg	8.10	1.25	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Manganese, Total	183		mg/kg	0.810	0.129	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Mercury, Total	0.804		mg/kg	0.066	0.043	1	06/27/24 23:45	06/28/24 21:35	EPA 7471B	1,7471B	MJR
Nickel, Total	12.8		mg/kg	2.03	0.196	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Potassium, Total	330		mg/kg	203	11.7	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Selenium, Total	0.968	J	mg/kg	1.62	0.209	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Silver, Total	0.379	J	mg/kg	0.405	0.229	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Sodium, Total	103	J	mg/kg	162	2.55	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.62	0.255	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Vanadium, Total	9.53		mg/kg	0.810	0.164	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY
Zinc, Total	294		mg/kg	4.05	0.237	2	06/27/24 22:25	06/28/24 21:11	EPA 3050B	1,6010D	CEY

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-09 Date Collected: 06/24/24 08:40

Client ID: TB-DOC58-062424-0840 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4640		mg/kg	9.81	2.65	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Antimony, Total	4.35	J	mg/kg	4.91	0.373	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Arsenic, Total	43.8		mg/kg	0.981	0.204	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Barium, Total	75.4		mg/kg	0.981	0.171	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.408	J	mg/kg	0.491	0.032	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.156	J	mg/kg	0.981	0.096	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Calcium, Total	58500		mg/kg	9.81	3.43	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Chromium, Total	9.29		mg/kg	0.981	0.094	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.08		mg/kg	1.96	0.163	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Copper, Total	71.6		mg/kg	0.981	0.253	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Iron, Total	40100		mg/kg	4.91	0.886	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Lead, Total	200		mg/kg	4.91	0.263	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Magnesium, Total	16900		mg/kg	9.81	1.51	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Manganese, Total	362		mg/kg	0.981	0.156	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Mercury, Total	0.687		mg/kg	0.091	0.059	1	06/27/24 23:45	06/28/24 10:09	EPA 7471B	1,7471B	JWN
Nickel, Total	16.2		mg/kg	2.45	0.237	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Potassium, Total	621		mg/kg	245	14.1	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Selenium, Total	0.863	J	mg/kg	1.96	0.253	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.491	0.278	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Sodium, Total	209		mg/kg	196	3.09	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.96	0.309	2	06/27/24 22:25	06/28/24 15:33	EPA 3050B	1,6010D	CEY
Vanadium, Total	15.8		mg/kg	0.981	0.199	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC
Zinc, Total	309		mg/kg	4.91	0.288	2	06/27/24 22:25	06/28/24 12:37	EPA 3050B	1,6010D	DMC

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-10 Date Collected: 06/24/24 09:00

Client ID: TB-DOC59-062424-0900 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4960		mg/kg	8.14	2.20	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Antimony, Total	0.617	J	mg/kg	4.07	0.309	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Arsenic, Total	14.1		mg/kg	0.814	0.169	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Barium, Total	51.4		mg/kg	0.814	0.142	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.304	J	mg/kg	0.407	0.027	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.404	J	mg/kg	0.814	0.080	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Calcium, Total	27800		mg/kg	8.14	2.85	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Chromium, Total	6.24		mg/kg	0.814	0.078	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Cobalt, Total	4.93		mg/kg	1.63	0.135	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Copper, Total	31.8		mg/kg	0.814	0.210	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Iron, Total	10800		mg/kg	4.07	0.735	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Lead, Total	137		mg/kg	4.07	0.218	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Magnesium, Total	5330		mg/kg	8.14	1.25	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Manganese, Total	319		mg/kg	0.814	0.129	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Mercury, Total	0.514		mg/kg	0.076	0.050	1	06/27/24 23:45	06/28/24 21:39	EPA 7471B	1,7471B	MJR
Nickel, Total	8.77		mg/kg	2.03	0.197	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Potassium, Total	537		mg/kg	203	11.7	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Selenium, Total	0.369	J	mg/kg	1.63	0.210	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Silver, Total	0.268	J	mg/kg	0.407	0.230	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Sodium, Total	110	J	mg/kg	163	2.56	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.63	0.256	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Vanadium, Total	10.2		mg/kg	0.814	0.165	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY
Zinc, Total	135		mg/kg	4.07	0.238	2	06/27/24 22:25	06/28/24 21:16	EPA 3050B	1,6010D	CEY

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-11 Date Collected: 06/24/24 09:10

Client ID: TB-DOC60-062424-0910 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5460		mg/kg	9.86	2.66	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Antimony, Total	12.5		mg/kg	4.93	0.375	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Arsenic, Total	57.2		mg/kg	0.986	0.205	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Barium, Total	110		mg/kg	0.986	0.172	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.452	J	mg/kg	0.493	0.033	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Cadmium, Total	1.18		mg/kg	0.986	0.097	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Calcium, Total	50400		mg/kg	9.86	3.45	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Chromium, Total	11.3		mg/kg	0.986	0.095	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Cobalt, Total	6.69		mg/kg	1.97	0.164	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Copper, Total	117		mg/kg	0.986	0.254	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Iron, Total	20800		mg/kg	4.93	0.890	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Lead, Total	587		mg/kg	4.93	0.264	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Magnesium, Total	15400		mg/kg	9.86	1.52	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Manganese, Total	368		mg/kg	0.986	0.157	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Mercury, Total	1.37		mg/kg	0.089	0.058	1	06/27/24 23:45	06/28/24 21:42	EPA 7471B	1,7471B	MJR
Nickel, Total	13.7		mg/kg	2.46	0.239	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Potassium, Total	681		mg/kg	246	14.2	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Selenium, Total	1.33	J	mg/kg	1.97	0.254	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Silver, Total	0.631		mg/kg	0.493	0.279	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Sodium, Total	202		mg/kg	197	3.11	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.97	0.311	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Vanadium, Total	12.5		mg/kg	0.986	0.200	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY
Zinc, Total	645		mg/kg	4.93	0.289	2	06/27/24 22:25	06/28/24 21:22	EPA 3050B	1,6010D	CEY

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-12 Date Collected: 06/24/24 09:25

Client ID: TB-DOC61-062424-0925 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3940		mg/kg	8.20	2.21	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Antimony, Total	4.87		mg/kg	4.10	0.312	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Arsenic, Total	43.6		mg/kg	0.820	0.170	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Barium, Total	71.9		mg/kg	0.820	0.143	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.338	J	mg/kg	0.410	0.027	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.623	J	mg/kg	0.820	0.080	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Calcium, Total	59200		mg/kg	8.20	2.87	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Chromium, Total	6.96		mg/kg	0.820	0.079	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Cobalt, Total	6.41		mg/kg	1.64	0.136	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Copper, Total	59.3		mg/kg	0.820	0.212	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Iron, Total	17300		mg/kg	4.10	0.740	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Lead, Total	161		mg/kg	4.10	0.220	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Magnesium, Total	16800		mg/kg	8.20	1.26	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Manganese, Total	297		mg/kg	0.820	0.130	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Mercury, Total	1.04		mg/kg	0.069	0.045	1	06/27/24 23:45	06/28/24 21:45	EPA 7471B	1,7471B	MJR
Nickel, Total	10.8		mg/kg	2.05	0.198	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Potassium, Total	588		mg/kg	205	11.8	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Selenium, Total	0.882	J	mg/kg	1.64	0.212	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Silver, Total	0.337	J	mg/kg	0.410	0.232	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Sodium, Total	178		mg/kg	164	2.58	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.64	0.258	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Vanadium, Total	9.84		mg/kg	0.820	0.166	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY
Zinc, Total	365		mg/kg	4.10	0.240	2	06/27/24 22:25	06/28/24 22:45	EPA 3050B	1,6010D	CEY

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-13 Date Collected: 06/24/24 09:40

Client ID: TB-DOC62-062424-0940 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2310		mg/kg	8.12	2.19	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Antimony, Total	3.20	J	mg/kg	4.06	0.308	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Arsenic, Total	84.9		mg/kg	0.812	0.169	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Barium, Total	55.7		mg/kg	0.812	0.141	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.253	J	mg/kg	0.406	0.027	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.892		mg/kg	0.812	0.080	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Calcium, Total	66200		mg/kg	8.12	2.84	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Chromium, Total	7.22		mg/kg	0.812	0.078	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Cobalt, Total	5.33		mg/kg	1.62	0.135	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Copper, Total	61.6		mg/kg	0.812	0.209	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Iron, Total	17700		mg/kg	4.06	0.733	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Lead, Total	207		mg/kg	4.06	0.218	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Magnesium, Total	23100		mg/kg	8.12	1.25	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Manganese, Total	288		mg/kg	0.812	0.129	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Mercury, Total	1.80		mg/kg	0.075	0.049	1	06/27/24 23:45	06/28/24 21:49	EPA 7471B	1,7471B	MJR
Nickel, Total	10.8		mg/kg	2.03	0.196	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Potassium, Total	471		mg/kg	203	11.7	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Selenium, Total	0.248	J	mg/kg	1.62	0.209	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Silver, Total	0.625		mg/kg	0.406	0.230	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Sodium, Total	126	J	mg/kg	162	2.56	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Thallium, Total	ND		mg/kg	1.62	0.256	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Vanadium, Total	7.14		mg/kg	0.812	0.165	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY
Zinc, Total	827		mg/kg	4.06	0.238	2	06/27/24 22:25	06/28/24 22:50	EPA 3050B	1,6010D	CEY

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-14 Date Collected: 06/24/24 11:40

Client ID: 4444-062424-0001 Date Received: 06/24/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Barium, Total	ND		mg/l	0.0100	0.0021	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Calcium, Total	0.228		mg/l	0.100	0.0350	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Iron, Total	0.0263	J	mg/l	0.0500	0.0090	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Magnesium, Total	0.0272	J	mg/l	0.100	0.0153	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Manganese, Total	0.0017	J	mg/l	0.0100	0.0016	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/28/24 00:24	06/28/24 21:38	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Potassium, Total	ND		mg/l	2.50	0.237	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Sodium, Total	ND		mg/l	2.00	0.120	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC
Zinc, Total	0.0065	J	mg/l	0.0500	0.0021	1	06/29/24 14:22	07/01/24 12:38	EPA 3005A	1,6010D	DMC

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-13 Batch: WG1940363-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Iron, Total	0.710	J	mg/kg	2.00	0.361	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/27/24 22:25	06/28/24 15:16	1,6010D	CEY
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/27/24 22:25	06/28/24 12:17	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-13 Batch: WG1940366-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/27/24 23:45	06/28/24 09:56	1,7471B	JWN

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 14 Batch: WG1940428-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/28/24 00:24	06/28/24 21:31	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 14 Batch: WG1941256-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Barium, Total	ND		mg/l	0.0100	0.0021	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Calcium, Total	ND		mg/l	0.100	0.0350	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Magnesium, Total	ND		mg/l	0.100	0.0153	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Potassium, Total	ND		mg/l	2.50	0.237	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Sodium, Total	ND		mg/l	2.00	0.120	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Vanadium, Total	ND	mg/l	0.0100	0.0020	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC
Zinc, Total	ND	mg/l	0.0500	0.0021	1	06/29/24 14:22	07/01/24 11:04	1,6010D	DMC

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 Batch: WG1940363-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	102		-		80-120	-		
Arsenic, Total	95		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Calcium, Total	102		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	106		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	106		-		80-120	-		
Lead, Total	97		-		80-120	-		
Magnesium, Total	98		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Potassium, Total	106		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	101		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	95		-		80-120	-		
Vanadium, Total	107		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 Batch: WG1940363-2					
Zinc, Total	106	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-13 Batch: WG1940366-2					
Mercury, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 14 Batch: WG1940428-2					
Mercury, Total	88	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 14 Batch: WG1941256-2					
Aluminum, Total	108	-	80-120	-	
Antimony, Total	100	-	80-120	-	
Arsenic, Total	96	-	80-120	-	
Barium, Total	105	-	80-120	-	
Beryllium, Total	106	-	80-120	-	
Cadmium, Total	102	-	80-120	-	
Calcium, Total	107	-	80-120	-	
Chromium, Total	96	-	80-120	-	
Cobalt, Total	100	-	80-120	-	
Copper, Total	100	-	80-120	-	
Iron, Total	100	-	80-120	-	
Lead, Total	102	-	80-120	-	
Magnesium, Total	99	-	80-120	-	
Manganese, Total	105	-	80-120	-	
Nickel, Total	95	-	80-120	-	
Potassium, Total	108	-	80-120	-	
Selenium, Total	94	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	105	-	80-120	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	97	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 14 Batch: WG1941256-2					
Zinc, Total	91	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1940363-3 WG1940363-4 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840												
Aluminum, Total	4640	206	5170	**258**	Q	5100	**224**	Q	75-125	1		20
Antimony, Total	4.35J	51.4	43.1	84		42.6	83		75-125	1		20
Arsenic, Total	43.8	12.3	47.2	**28**	Q	42.1	**0**	Q	75-125	11		20
Barium, Total	75.4	206	280	99		272	96		75-125	3		20
Beryllium, Total	0.408J	5.14	5.85	114		5.58	109		75-125	5		20
Cadmium, Total	0.156J	5.45	4.05	**74**	Q	3.79	**70**	Q	75-125	7		20
Calcium, Total	58500	1030	84100	**2490**	Q	95600	**3620**	Q	75-125	13		20
Chromium, Total	9.29	20.6	24.9	76		23.9	**71**	Q	75-125	4		20
Cobalt, Total	6.08	51.4	54.5	94		51.8	89		75-125	5		20
Copper, Total	71.6	25.7	84.8	**51**	Q	81.2	**37**	Q	75-125	4		20
Iron, Total	40100	103	24300	**0**	Q	20700	**0**	Q	75-125	16		20
Lead, Total	200	54.5	264	117		230	**55**	Q	75-125	14		20
Magnesium, Total	16900	1030	20800	**379**	Q	39100	**2170**	Q	75-125	**61**	Q	20
Manganese, Total	362	51.4	382	**39**	Q	413	100		75-125	8		20
Nickel, Total	16.2	51.4	62.6	90		58.5	83		75-125	7		20
Potassium, Total	621	1030	1950	**129**	Q	2060	**140**	Q	75-125	5		20
Selenium, Total	0.863J	12.3	10.4	84		10.2	83		75-125	2		20
Silver, Total	ND	5.14	4.94	96		4.84	94		75-125	2		20
Sodium, Total	209	1030	1340	110		1330	109		75-125	1		20
Thallium, Total	ND	12.3	10.2	83		9.88	80		75-125	3		20
Vanadium, Total	15.8	51.4	69.6	104		67.1	100		75-125	4		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1940363-3 WG1940363-4 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840											
Zinc, Total	309	51.4	274	**0**	Q	239	**0**	Q	75-125	14	20
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1940366-3 WG1940366-4 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840											
Mercury, Total	0.687	1.67	2.54	111		2.65	112		80-120	4	20
Total Metals - Mansfield Lab Associated sample(s): 14 QC Batch ID: WG1940428-3 QC Sample: L2435588-14 Client ID: 4444-062424-0001											
Mercury, Total	ND	0.005	0.00448	90		-	-		75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 14 QC Batch ID: WG1941256-3 QC Sample: L2435585-02 Client ID: MS Sample										
Aluminum, Total	0.077J	2	2.12	106		-	-	75-125	-	20
Antimony, Total	ND	0.5	0.523	105		-	-	75-125	-	20
Arsenic, Total	0.007	0.12	0.126	99		-	-	75-125	-	20
Barium, Total	0.040	2	1.96	96		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.0465	93		-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.0500	94		-	-	75-125	-	20
Calcium, Total	288.	10	282	**0**	Q	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.183	92		-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.473	95		-	-	75-125	-	20
Copper, Total	ND	0.25	0.253	101		-	-	75-125	-	20
Iron, Total	6.44	1	7.30	86		-	-	75-125	-	20
Lead, Total	ND	0.53	0.501	94		-	-	75-125	-	20
Magnesium, Total	77.7	10	83.9	**62**	Q	-	-	75-125	-	20
Manganese, Total	0.092	0.5	0.550	92		-	-	75-125	-	20
Nickel, Total	0.005J	0.5	0.454	91		-	-	75-125	-	20
Potassium, Total	3.85	10	13.8	100		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.117	98		-	-	75-125	-	20
Silver, Total	ND	0.05	0.0520	104		-	-	75-125	-	20
Sodium, Total	128	10	130	**20**	Q	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.104	87		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.470	94		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 14 QC Batch ID: WG1941256-3 QC Sample: L2435585-02 Client ID: MS Sample									
Zinc, Total	0.003J	0.5	0.439	88	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 14 QC Batch ID: WG1940428-4 QC Sample: L2435588-14 Client ID: 4444-062424-0001						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 14 QC Batch ID: WG1941256-4 QC Sample: L2435585-02 Client ID: DUP Sample						
Calcium, Total	288.	278	mg/l	4		20
Magnesium, Total	77.7	77.0	mg/l	1		20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2435588
Report Date: 07/08/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1940363-6 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840						
Aluminum, Total	4640	4590	mg/kg	1		20
Arsenic, Total	43.8	48.1	mg/kg	10		20
Barium, Total	75.4	75.2	mg/kg	0		20
Calcium, Total	58500	62600	mg/kg	7		20
Copper, Total	71.6	78.9	mg/kg	10		20
Iron, Total	40100	45400	mg/kg	13		20
Lead, Total	200	196	mg/kg	2		20
Magnesium, Total	16900	20100	mg/kg	19		20
Manganese, Total	362	380	mg/kg	5		20
Zinc, Total	309	344	mg/kg	11		20

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-01
Client ID: TB-DOC48-062024-1142
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/20/24 11:42
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	06/25/24 13:12	121,2540G	ROI
Cyanide, Total	0.32	J	mg/kg	1.1	0.23	1	06/28/24 23:30	06/29/24 10:14	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-02
Client ID: TB-DOC51-062424-0720
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/24/24 07:20
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.7		%	0.100	NA	1	-	06/25/24 13:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.97	0.21	1	06/28/24 23:30	06/29/24 10:15	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-03
Client ID: TB-DOC52-062424-0730
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/24/24 07:30
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.0		%	0.100	NA	1	-	06/25/24 13:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	06/28/24 23:30	06/29/24 10:16	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-04
Client ID: TB-DOC53-062424-0740
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 07:40
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.8		%	0.100	NA	1	-	06/25/24 13:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/28/24 23:30	06/29/24 10:17	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-05
Client ID: TB-DOC54-062424-0750
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 07:50
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	06/25/24 13:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/28/24 23:30	06/29/24 10:20	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-06
Client ID: TB-DOC55-062424-0800
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 08:00
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.4		%	0.100	NA	1	-	06/25/24 13:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	06/28/24 23:30	06/29/24 10:21	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-07
Client ID: TB-DOC56-062424-0815
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/24/24 08:15
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	06/25/24 13:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/28/24 23:30	06/29/24 10:22	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-08
Client ID: TB-DOC57-062424-0830
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 08:30
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.2		%	0.100	NA	1	-	06/25/24 13:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	06/28/24 23:30	06/29/24 10:23	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-09
Client ID: TB-DOC58-062424-0840
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/24/24 08:40
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.5		%	0.100	NA	1	-	06/25/24 13:12	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	06/28/24 23:30	06/29/24 10:24	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-10
Client ID: TB-DOC59-062424-0900
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/24/24 09:00
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	06/25/24 13:12	121,2540G	ROI
Cyanide, Total	0.26	J	mg/kg	1.0	0.22	1	06/28/24 23:30	06/29/24 10:27	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-11
Client ID: TB-DOC60-062424-0910
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/24/24 09:10
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.6		%	0.100	NA	1	-	06/25/24 13:12	121,2540G	ROI
Cyanide, Total	0.43	J	mg/kg	1.2	0.26	1	06/28/24 23:30	06/29/24 10:51	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-12
Client ID: TB-DOC61-062424-0925
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/24/24 09:25
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	06/25/24 13:12	121,2540G	ROI
Cyanide, Total	0.46	J	mg/kg	1.1	0.22	1	06/28/24 23:30	06/29/24 10:52	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-13
Client ID: TB-DOC62-062424-0940
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/24/24 09:40
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.6		%	0.100	NA	1	-	06/25/24 13:12	121,2540G	ROI
Cyanide, Total	0.40	J	mg/kg	0.98	0.21	1	06/28/24 23:30	06/29/24 10:53	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

SAMPLE RESULTS

Lab ID: L2435588-14
Client ID: 4444-062424-0001
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Water

Date Collected: 06/24/24 11:40
Date Received: 06/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/29/24 08:30	06/29/24 11:38	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2435588

Project Number: 0200336-002 **Report Date:** 07/08/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-10 Batch: WG1941046-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	06/28/24 23:30	06/29/24 09:55	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 11-13 Batch: WG1941047-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	06/28/24 23:30	06/29/24 10:28	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 14 Batch: WG1941131-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	06/29/24 08:30	06/29/24 11:09	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 Batch: WG1941046-2 WG1941046-3								
Cyanide, Total	86		104		80-120	14		35
General Chemistry - Westborough Lab Associated sample(s): 11-13 Batch: WG1941047-2 WG1941047-3								
Cyanide, Total	104		102		80-120	10		35
General Chemistry - Westborough Lab Associated sample(s): 14 Batch: WG1941131-2 WG1941131-3								
Cyanide, Total	99		103		85-115	4		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1941046-4 WG1941046-5 QC Sample: L2435567-06 Client ID: MS Sample												
Cyanide, Total	ND	12	12	96		13	100		75-125	8		35
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1941046-6 WG1941046-7 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840												
Cyanide, Total	ND	12	12	100		10	84		75-125	18		35
General Chemistry - Westborough Lab Associated sample(s): 11-13 QC Batch ID: WG1941047-4 WG1941047-5 QC Sample: L2435567-18 Client ID: MS Sample												
Cyanide, Total	ND	13	13	100		13	98		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 11-13 QC Batch ID: WG1941047-6 WG1941047-7 QC Sample: L2435326-02 Client ID: MS Sample												
Cyanide, Total	ND	9.6	9.7	100		9.0	94		75-125	6		35
General Chemistry - Westborough Lab Associated sample(s): 14 QC Batch ID: WG1941131-4 WG1941131-5 QC Sample: L2435588-14 Client ID: 4444-062424-0001												
Cyanide, Total	ND	0.2	0.216	108		0.204	102		80-120	6		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2435588

Report Date: 07/08/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG1939068-1 QC Sample: L2435588-09 Client ID: TB-DOC58-062424-0840						
Solids, Total	77.5	82.6	%	6		20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435588-01A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2435588-01B	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7)
L2435588-02A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2435588-02B	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-02C	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-02D	Plastic 120ml unpreserved	A	NA		2.7	Y	Absent		TS(7)
L2435588-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2435588-02F	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2435588-03A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2435588-03B	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-03C	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-03D	Plastic 120ml unpreserved	A	NA		2.7	Y	Absent		TS(7)
L2435588-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2435588-03F	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2435588-04A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435588-04B	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-04C	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-04D	Plastic 120ml unpreserved	A	NA		2.7	Y	Absent		TS(7)
L2435588-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2435588-04F	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2435588-05A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2435588-05B	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-05C	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-05D	Plastic 120ml unpreserved	A	NA		2.7	Y	Absent		TS(7)
L2435588-05E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2435588-05F	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2435588-06A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2435588-06B	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-06C	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-06D	Plastic 120ml unpreserved	A	NA		2.7	Y	Absent		TS(7)
L2435588-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2435588-06F	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2435588-07A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2435588-07B	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-07C	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-07D	Plastic 120ml unpreserved	A	NA		2.7	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435588-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2435588-07F	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2435588-08A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2435588-08B	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-08C	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-08D	Plastic 120ml unpreserved	A	NA		2.7	Y	Absent		TS(7)
L2435588-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2435588-08F	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2435588-09A	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2435588-09A1	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2435588-09A2	Vial MeOH preserved	A	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2435588-09B	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-09B1	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-09B2	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-09C	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-09C1	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-09C2	Vial water preserved	A	NA		2.7	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-09D	Plastic 120ml unpreserved	A	NA		2.7	Y	Absent		TS(7)
L2435588-09D1	Plastic 120ml unpreserved	A	NA		2.7	Y	Absent		TS(7)
L2435588-09D2	Plastic 120ml unpreserved	A	NA		2.7	Y	Absent		TS(7)
L2435588-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435588-09E1	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2435588-09E2	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2435588-09F	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2435588-09F1	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2435588-09F2	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2435588-09G	Glass 500ml/16oz unpreserved	A	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2435588-09G1	Glass 500ml/16oz unpreserved	A	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2435588-09G2	Glass 500ml/16oz unpreserved	A	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2435588-09H	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-1633-DRAFT(90)
L2435588-09H1	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-1633-DRAFT(90)
L2435588-09H2	Plastic 8oz unpreserved	A	NA		2.7	Y	Absent		A2-1633-DRAFT(90)
L2435588-10A	Vial MeOH preserved	B	NA		4.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2435588-10B	Vial water preserved	B	NA		4.4	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-10C	Vial water preserved	B	NA		4.4	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-10D	Plastic 120ml unpreserved	B	NA		4.4	Y	Absent		TS(7)
L2435588-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2435588-10F	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2435588-11A	Vial MeOH preserved	B	NA		4.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2435588-11B	Vial water preserved	B	NA		4.4	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435588-11C	Vial water preserved	B	NA		4.4	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-11D	Plastic 120ml unpreserved	B	NA		4.4	Y	Absent		TS(7)
L2435588-11E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2435588-11F	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2435588-12A	Vial MeOH preserved	B	NA		4.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2435588-12B	Vial water preserved	B	NA		4.4	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-12C	Vial water preserved	B	NA		4.4	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-12D	Plastic 120ml unpreserved	B	NA		4.4	Y	Absent		TS(7)
L2435588-12E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2435588-12F	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		NYTCL-8270(14),TCN-9010(14)
L2435588-13A	Vial MeOH preserved	B	NA		4.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2435588-13B	Vial water preserved	B	NA		4.4	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-13C	Vial water preserved	B	NA		4.4	Y	Absent	25-JUN-24 11:42	NYTCL-8260HLW-R2(14)
L2435588-13D	Plastic 120ml unpreserved	B	NA		4.4	Y	Absent		TS(7)
L2435588-13E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		4.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2435588-13F	Glass 120ml/4oz unpreserved	B	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14)
L2435588-14A	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2435588-14B	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2435588-14C	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2435588
Report Date: 07/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435588-14D	Plastic 250ml HNO3 preserved	B	<2	<2	4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2435588-14E	Plastic 250ml NaOH preserved split	B	7	>12	4.4	N	Absent		TCN-9010(14)
L2435588-14F	Amber 100ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2435588-14G	Amber 100ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2435588-14H	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2435588-14I	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2435588-14J	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2435588-14K	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2435588-14L	Amber 1000ml unpreserved	B	7	7	4.4	Y	Absent		HERB-APA(7)
L2435588-14M	Amber 1000ml unpreserved	B	7	7	4.4	Y	Absent		HERB-APA(7)
L2435588-14N	Plastic 500ml unpreserved	B	NA		4.4	Y	Absent		A2-1633-DRAFT(28)
L2435588-14O	Plastic 500ml unpreserved	B	NA		4.4	Y	Absent		A2-1633-DRAFT(28)
L2435588-14P	Plastic 500ml unpreserved	B	NA		4.4	Y	Absent		A2-1633-DRAFT(28)
L2435588-15A	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2435588-15B	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2435588
Report Date: 07/08/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2435588
Project Number:	0200336-002	**Report Date:**	07/08/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2435588
Project Number:	0200336-002	**Report Date:**	07/08/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2435588
Project Number:	0200336-002	**Report Date:**	07/08/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2435588
Project Number:	0200336-002	**Report Date:**	07/08/24

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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 2

Date Rec'd in Lab: 6/25/24

ALPHA Job #: L2135588

Client Information
Client: H&A
Address: 200 TOWNCENTRE DR. Rochester, NY
Phone: 585-359-9000
Fax:
Email: JSZUCS@haleyaldrich.com

Project Information
Project Name: GOSTROWBRIDGE-DOCUMENTATION SAMPLES
Project Location: Rochester, NY
Project #: 0200336-002
(Use Project name as Project #)
Project Manager: J. SZUCS
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [X] 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 [X] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:
cc: smckenna@haleyaldrich.com EWhite@haleyaldrich.com
khartleb@haleyaldrich.com
Please specify Metals or TAL. ★ Please include 1,4-Dioxane for SAMPLE TB-DOC58-062424-0640 ONLY ★

ANALYSIS
- TCL VOCs 8260
- TCL SVOCs 8270
- TAL Metals 6010
- Cyanide
- Pesticides 8081
- Herbicides 8151
- PCBs 8082
- PFAS 1633

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 VOCs 8260	TCL SVOCs 8270	TAL Metals 6010	Cyanide	Pesticides 8081	Herbicides 8151	PCBs 8082	PFAS 1633	Sample Specific Comments	Total Bottles
35588-01	TB-DOC48-062024-1142	6/20/24	11:42	SO	KB		X	X	X						2
-02	TB-DOC51-062424-0720	6/24/24	07:20			X	X	X	X						6
-03	TB-DOC52-062424-0730		07:30			X	X	X	X						6
-04	TB-DOC53-062424-0740		07:40			X	X	X	X						6
-05	TB-DOC54-062424-0750		07:50			X	X	X	X						6
-06	TB-DOC55-062424-0800		08:00			X	X	X	X						6
-07	TB-DOC56-062424-0815		08:15			X	X	X	X						6
-08	TB-DOC57-062424-0830		08:30			X	X	X	X						6
-09	TB-DOC58-062424-0640		08:40			X	X	X	X	X	X	X	X	MS/MSD	24
-10	TB-DOC59-062424-0900	↓	09:00	↓	↓										6
	Container Type					V	A	A	A	A	A	A	P		
	Preservative					F	A	A	A	A	A	A	A		

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	6/24/24 15:22	Jeff Nagel PACE	6/24/24 1522
Jeff Nagel PACE	6/24/24 1522		6/25/24 0050

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)

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 2 of 2

Date Rec'd in Lab: 6/25/24

ALPHA Job #: L2435588

Project Information
Project Name: GS TROWBRIDGE - DOCUMENTATION SAMPLES
Project Location: Rochester, NY
Project #: 0200336-002
(Use Project name as Project #) ☐
Project Manager: J. SZUCS
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:

Client Information
Client: H&A
Address: 200 TOWN CENTRE DR. ROCHESTER, NH
Phone: 585-359-9000
Fax:
Email: JSZUCS@haleyaldrich.com

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
cc: smckenna@haleyaldrich.com kbartlett@haleyaldrich.com GWhite@haleyaldrich.com
Please specify Metals or TAL. ★ Please include 1,4-Dioxane ★ 8270 For sample TB-DOC58-062424-0840 only

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260	TCL SVOCs 8270	TAL Metals 6010	Cyanide	Pesticides 8081	Herbicides 8151	PCBs 8082	PFAS 1633	Sample Specific Comments	Total Bottle
35582-11	TB-DOC60-062424-0900	6/24/24	09:10	SO		X	X	X	X						6
-12	TB-DOC61-062424-0925	↓	09:25	↓		X	X	X	X						6
-13	TB-DOC62-062424-0940		09:40			X	X	X	X						6
-14	4444-062424-0001		11:40	WQ		X	X	X	X	X	X	X	X	EQUIP. BLANK	13
-15	4444-062424-0002	↓	—	WQ		X								TRIP BLANK	3

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

Container Type	V	A	A	A	A	A	A	P
Preservative	F	A	A	A	A	A	A	A

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	6/24/24 15:2	[signature] PACE	6/24/24 1521
[signature] PACE	6/24/24 1521	[signature]	6/25/24 0850

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:	L2438205
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-DOC. SAMPLES
Project Number:	0200336-002
Report Date:	07/10/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2438205
Report Date: 07/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2438205-01	TB-DOC63-070824-1050	SOIL	ROCHESTER, NY	07/08/24 10:50	07/08/24
L2438205-02	TB-DOC64-070824-1340	SOIL	ROCHESTER, NY	07/08/24 13:40	07/08/24

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2438205
Project Number:	0200336-002	**Report Date:**	07/10/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2438205
Project Number:	0200336-002	**Report Date:**	07/10/24

Case Narrative (continued)

Report Revision

July 10, 2024: The Volatile Organics analyte list has been amended on L2438205-01 and -02.

Report Submission

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

Volatile Organics

L2438205-01D and -02D: The sample has an elevated detection limit due to the dilution required by the elevated concentration of target compound in the sample.

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

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 07/10/24

ORGANICS

VOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438205

Project Number: 0200336-002 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438205-01 D
Client ID: TB-DOC63-070824-1050
Sample Location: ROCHESTER, NY

Date Collected: 07/08/24 10:50
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/09/24 10:16
Analyst: AJK
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	3600	1600	10
1,1-Dichloroethane	ND		ug/kg	710	100	10
Chloroform	ND		ug/kg	1100	99.	10
Carbon tetrachloride	ND		ug/kg	710	160	10
1,2-Dichloropropane	ND		ug/kg	710	89.	10
Dibromochloromethane	ND		ug/kg	710	99.	10
1,1,2-Trichloroethane	490	J	ug/kg	710	190	10
Tetrachloroethene	1600		ug/kg	360	140	10
Chlorobenzene	ND		ug/kg	360	90.	10
Trichlorofluoromethane	ND		ug/kg	2800	490	10
1,2-Dichloroethane	ND		ug/kg	710	180	10
1,1,1-Trichloroethane	ND		ug/kg	360	120	10
Bromodichloromethane	ND		ug/kg	360	77.	10
trans-1,3-Dichloropropene	ND		ug/kg	710	190	10
cis-1,3-Dichloropropene	ND		ug/kg	360	110	10
Bromoform	ND		ug/kg	2800	170	10
1,1,2,2-Tetrachloroethane	340	J	ug/kg	360	120	10
Benzene	ND		ug/kg	360	120	10
Toluene	ND		ug/kg	710	380	10
Ethylbenzene	ND		ug/kg	710	100	10
Chloromethane	ND		ug/kg	2800	660	10
Bromomethane	ND		ug/kg	1400	410	10
Vinyl chloride	ND		ug/kg	710	240	10
Chloroethane	ND		ug/kg	1400	320	10
1,1-Dichloroethene	ND		ug/kg	710	170	10
trans-1,2-Dichloroethene	ND		ug/kg	1100	97.	10
Trichloroethene	48000		ug/kg	360	97.	10
1,2-Dichlorobenzene	ND		ug/kg	1400	100	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438205

Project Number: 0200336-002 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438205-01 D
Client ID: TB-DOC63-070824-1050
Sample Location: ROCHESTER, NY

Date Collected: 07/08/24 10:50
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1400	100	10
1,4-Dichlorobenzene	ND		ug/kg	1400	120	10
Methyl tert butyl ether	ND		ug/kg	1400	140	10
p/m-Xylene	ND		ug/kg	1400	400	10
o-Xylene	ND		ug/kg	710	210	10
cis-1,2-Dichloroethene	ND		ug/kg	710	120	10
Styrene	ND		ug/kg	710	140	10
Dichlorodifluoromethane	ND		ug/kg	7100	650	10
Acetone	ND		ug/kg	7100	3400	10
Carbon disulfide	ND		ug/kg	7100	3200	10
2-Butanone	ND		ug/kg	7100	1600	10
4-Methyl-2-pentanone	ND		ug/kg	7100	910	10
2-Hexanone	ND		ug/kg	7100	840	10
Bromochloromethane	ND		ug/kg	1400	140	10
1,2-Dibromoethane	ND		ug/kg	710	200	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	2100	710	10
Isopropylbenzene	ND		ug/kg	710	77.	10
1,2,3-Trichlorobenzene	ND		ug/kg	1400	230	10
1,2,4-Trichlorobenzene	ND		ug/kg	1400	190	10
Methyl Acetate	ND		ug/kg	2800	670	10
Cyclohexane	ND		ug/kg	7100	390	10
1,4-Dioxane	ND		ug/kg	57000	25000	10
Freon-113	ND		ug/kg	2800	490	10
Methyl cyclohexane	ND		ug/kg	2800	430	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438205

Project Number: 0200336-002 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438205-02 D
Client ID: TB-DOC64-070824-1340
Sample Location: ROCHESTER, NY

Date Collected: 07/08/24 13:40
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/09/24 10:37
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	4000	1800	10
1,1-Dichloroethane	ND		ug/kg	800	120	10
Chloroform	ND		ug/kg	1200	110	10
Carbon tetrachloride	ND		ug/kg	800	180	10
1,2-Dichloropropane	ND		ug/kg	800	100	10
Dibromochloromethane	ND		ug/kg	800	110	10
1,1,2-Trichloroethane	ND		ug/kg	800	210	10
Tetrachloroethene	390	J	ug/kg	400	160	10
Chlorobenzene	ND		ug/kg	400	100	10
Trichlorofluoromethane	ND		ug/kg	3200	560	10
1,2-Dichloroethane	ND		ug/kg	800	200	10
1,1,1-Trichloroethane	ND		ug/kg	400	130	10
Bromodichloromethane	ND		ug/kg	400	87.	10
trans-1,3-Dichloropropene	ND		ug/kg	800	220	10
cis-1,3-Dichloropropene	ND		ug/kg	400	130	10
Bromoform	ND		ug/kg	3200	200	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	400	130	10
Benzene	ND		ug/kg	400	130	10
Toluene	ND		ug/kg	800	430	10
Ethylbenzene	ND		ug/kg	800	110	10
Chloromethane	ND		ug/kg	3200	740	10
Bromomethane	ND		ug/kg	1600	460	10
Vinyl chloride	ND		ug/kg	800	270	10
Chloroethane	ND		ug/kg	1600	360	10
1,1-Dichloroethene	ND		ug/kg	800	190	10
trans-1,2-Dichloroethene	ND		ug/kg	1200	110	10
Trichloroethene	38000		ug/kg	400	110	10
1,2-Dichlorobenzene	ND		ug/kg	1600	120	10

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438205

Project Number: 0200336-002 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438205-02 D
Client ID: TB-DOC64-070824-1340
Sample Location: ROCHESTER, NY

Date Collected: 07/08/24 13:40
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1600	120	10
1,4-Dichlorobenzene	ND		ug/kg	1600	140	10
Methyl tert butyl ether	ND		ug/kg	1600	160	10
p/m-Xylene	ND		ug/kg	1600	450	10
o-Xylene	ND		ug/kg	800	230	10
cis-1,2-Dichloroethene	ND		ug/kg	800	140	10
Styrene	ND		ug/kg	800	160	10
Dichlorodifluoromethane	ND		ug/kg	8000	730	10
Acetone	ND		ug/kg	8000	3800	10
Carbon disulfide	ND		ug/kg	8000	3600	10
2-Butanone	ND		ug/kg	8000	1800	10
4-Methyl-2-pentanone	ND		ug/kg	8000	1000	10
2-Hexanone	ND		ug/kg	8000	940	10
Bromochloromethane	ND		ug/kg	1600	160	10
1,2-Dibromoethane	ND		ug/kg	800	220	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	2400	800	10
Isopropylbenzene	ND		ug/kg	800	87.	10
1,2,3-Trichlorobenzene	ND		ug/kg	1600	260	10
1,2,4-Trichlorobenzene	ND		ug/kg	1600	220	10
Methyl Acetate	ND		ug/kg	3200	760	10
Cyclohexane	ND		ug/kg	8000	430	10
1,4-Dioxane	ND		ug/kg	64000	28000	10
Freon-113	ND		ug/kg	3200	550	10
Methyl cyclohexane	ND		ug/kg	3200	480	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	105		70-130

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438205

Project Number: 0200336-002 **Report Date:** 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/09/24 08:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1944860-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	25	J	ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438205

Project Number: 0200336-002 **Report Date:** 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/09/24 08:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1944860-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438205

Project Number: 0200336-002 **Report Date:** 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/09/24 08:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1944860-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2438205

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1944860-3 WG1944860-4								
Methylene chloride	88		86		70-130	2		30
1,1-Dichloroethane	95		94		70-130	1		30
Chloroform	92		91		70-130	1		30
Carbon tetrachloride	87		88		70-130	1		30
1,2-Dichloropropane	93		91		70-130	2		30
Dibromochloromethane	88		86		70-130	2		30
1,1,2-Trichloroethane	92		90		70-130	2		30
Tetrachloroethene	90		89		70-130	1		30
Chlorobenzene	88		88		70-130	0		30
Trichlorofluoromethane	94		95		70-139	1		30
1,2-Dichloroethane	95		92		70-130	3		30
1,1,1-Trichloroethane	88		88		70-130	0		30
Bromodichloromethane	87		87		70-130	0		30
trans-1,3-Dichloropropene	91		90		70-130	1		30
cis-1,3-Dichloropropene	90		87		70-130	3		30
Bromoform	87		86		70-130	1		30
1,1,2,2-Tetrachloroethane	88		84		70-130	5		30
Benzene	87		86		70-130	1		30
Toluene	85		84		70-130	1		30
Ethylbenzene	90		89		70-130	1		30
Chloromethane	88		86		52-130	2		30
Bromomethane	106		105		57-147	1		30
Vinyl chloride	88		89		67-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2438205

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1944860-3 WG1944860-4								
Chloroethane	104		104		50-151	0		30
1,1-Dichloroethene	96		94		65-135	2		30
trans-1,2-Dichloroethene	86		84		70-130	2		30
Trichloroethene	93		93		70-130	0		30
1,2-Dichlorobenzene	90		90		70-130	0		30
1,3-Dichlorobenzene	91		91		70-130	0		30
1,4-Dichlorobenzene	92		90		70-130	2		30
Methyl tert butyl ether	92		89		66-130	3		30
p/m-Xylene	89		88		70-130	1		30
o-Xylene	90		89		70-130	1		30
cis-1,2-Dichloroethene	88		86		70-130	2		30
Styrene	90		88		70-130	2		30
Dichlorodifluoromethane	72		72		30-146	0		30
Acetone	86		84		54-140	2		30
Carbon disulfide	101		101		59-130	0		30
2-Butanone	88		87		70-130	1		30
4-Methyl-2-pentanone	88		87		70-130	1		30
2-Hexanone	86		85		70-130	1		30
Bromochloromethane	87		86		70-130	1		30
1,2-Dibromoethane	88		87		70-130	1		30
1,2-Dibromo-3-chloropropane	84		83		68-130	1		30
Isopropylbenzene	93		93		70-130	0		30
1,2,3-Trichlorobenzene	94		93		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2438205
Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1944860-3 WG1944860-4								
1,2,4-Trichlorobenzene	93		92		70-130	1		30
Methyl Acetate	101		99		51-146	2		30
Cyclohexane	94		92		59-142	2		30
1,4-Dioxane	88		95		65-136	8		30
Freon-113	98		101		50-139	3		30
Methyl cyclohexane	90		90		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		107		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	102		102		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2438205
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438205-01
Client ID: TB-DOC63-070824-1050
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/08/24 10:50
Date Received: 07/08/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	07/09/24 03:17	121,2540G	WJM

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2438205
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438205-02
Client ID: TB-DOC64-070824-1340
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/08/24 13:40
Date Received: 07/08/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.3		%	0.100	NA	1	-	07/09/24 03:17	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2438205

Report Date: 07/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1944607-1 QC Sample: L2438198-01 Client ID: DUP Sample						
Solids, Total	91.0	91.8	%	1		20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2438205
Report Date: 07/10/24

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(*)
L2438205-01A	Vial MeOH preserved	A	NA		3.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2438205-01B	Vial water preserved	A	NA		3.3	Y	Absent	09-JUL-24 03:00	NYTCL-8260HLW-R2(14)
L2438205-01C	Vial water preserved	A	NA		3.3	Y	Absent	09-JUL-24 03:00	NYTCL-8260HLW-R2(14)
L2438205-01D	Plastic 120ml unpreserved	A	NA		3.3	Y	Absent		TS(7)
L2438205-02A	Vial MeOH preserved	A	NA		3.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2438205-02B	Vial water preserved	A	NA		3.3	Y	Absent	09-JUL-24 03:00	NYTCL-8260HLW-R2(14)
L2438205-02C	Vial water preserved	A	NA		3.3	Y	Absent	09-JUL-24 03:00	NYTCL-8260HLW-R2(14)
L2438205-02D	Plastic 120ml unpreserved	A	NA		3.3	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2438205
Project Number:	0200336-002	**Report Date:**	07/10/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2438205
Project Number:	0200336-002	**Report Date:**	07/10/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2438205
Project Number:	0200336-002	**Report Date:**	07/10/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2438205
Project Number:	0200336-002	**Report Date:**	07/10/24

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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

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: 7/9/24

ALPHA Job #: L2438205

Client Information

Client: H&A
Address: 200 Town Centre Dr. Rochester, NY 14623
Phone: 585-359-9000
Fax:
Email: JSzucs@haleyaldrich.com

Project Information

Project Name: LOS TROWBRIDGE - DOCUMENTATION SAMPLES
Project Location: Rochester, NY
Project #: 0200326-002
(Use Project name as Project #): ☐
Project Manager: J. SZUCS
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 1 day

These samples have been previously analyzed by Alpha ☐

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:

Other project specific requirements/comments:

cc: smckenna@haleyaldrich.com
kbartlett@haleyaldrich.com GWhite@haleyaldrich.com
~~Please specify Metals or TAL~~ Please RUN TCE ONLY and hold sample until Noted otherwise ☆

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: TCL VOCs 8260	Total Bottle
38205-01	TB-DOC63-070624-1050	7/8/24	10:60	SO	KB	X	4
02	TB-DOC64-070824-1340	↓	13:40	SO	KB	X	4

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

Sample Specific Comments

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
Preservative: F

Relinquished By:	Date/Time	Received By:	Date/Time
	7/8/24 14:22	Jeff Magoon PACE	7/8/24 14:22
Jeff Magoon PACE	7/8/24 15:32	Rod H. S.C.	7/8/24 15:32
RCGSC	7-8-24 1827	Russell B Bixby	7-8-24 1827
Russell B Bixby	7-8-24 2060		7-8-24 20
	7-8-24		7/8/24 2220
	7/9/24 0130		7/9/24 01:30

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:	L2438667
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-DOC. SAMPLES
Project Number:	0200336-002
Report Date:	07/17/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2438667
Report Date: 07/17/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2438667-01	TB-DOC63-071024-1050	SOIL	ROCHESTER, NY	07/10/24 10:50	07/10/24
L2438667-02	TB-DOC64-071024-1030	SOIL	ROCHESTER, NY	07/10/24 10:30	07/10/24

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2438667
Project Number:	0200336-002	**Report Date:**	07/17/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2438667
Project Number:	0200336-002	**Report Date:**	07/17/24

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

The analyses performed were specified by the client.

Total Metals

L2438667-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1946094-3 MS recovery, performed on L2438667-01, is outside the acceptance criteria for mercury (125%). A post digestion spike was performed and was within acceptance criteria.

The WG1946103-3 MS recoveries for aluminum (308%), calcium (0%), iron (0%), lead (56%), magnesium (0%), manganese (0%), performed on L2438667-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1946103-3 MS recovery, performed on L2438667-01, is outside the acceptance criteria for zinc (73%). A post digestion spike was performed and was within acceptance criteria.

The WG1946103-4 Laboratory Duplicate RPDs for chromium (21%), iron (28%) and manganese (44%), performed on L2438667-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 07/17/24

ORGANICS

SEMIVOLATILES

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2438667
Project Number: 0200336-002
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438667-01
Client ID: TB-DOC63-071024-1050
Sample Location: ROCHESTER, NY

Date Collected: 07/10/24 10:50
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/15/24 02:12
Analyst: SZ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/13/24 01:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	47	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	1000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	250		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	87	J	ug/kg	180	64.	1
Butyl benzyl phthalate	220		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	760		ug/kg	110	21.	1
Benzo(a)pyrene	980		ug/kg	150	45.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438667

Project Number: 0200336-002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438667-01 Date Collected: 07/10/24 10:50

Client ID: TB-DOC63-071024-1050 Date Received: 07/10/24

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						
Benzo(b)fluoranthene	1500		ug/kg	110	31.	1
Benzo(k)fluoranthene	340		ug/kg	110	30.	1
Chrysene	820		ug/kg	110	19.	1
Acenaphthylene	520		ug/kg	150	28.	1
Anthracene	370		ug/kg	110	36.	1
Benzo(ghi)perylene	880		ug/kg	150	22.	1
Fluorene	79	J	ug/kg	180	18.	1
Phenanthrene	720		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	190		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	760		ug/kg	150	26.	1
Pyrene	1100		ug/kg	110	18.	1
Biphenyl	39	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	120	J	ug/kg	180	17.	1
2-Methylnaphthalene	240		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	57	J	ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	31	J	ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	87	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438667

Project Number: 0200336-002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438667-01 Date Collected: 07/10/24 10:50

Client ID: TB-DOC63-071024-1050 Date Received: 07/10/24

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						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	74		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438667

Project Number: 0200336-002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438667-02
Client ID: TB-DOC64-071024-1030
Sample Location: ROCHESTER, NY

Date Collected: 07/10/24 10:30
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/15/24 02:35
Analyst: SZ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/13/24 01:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	32	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	1600		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	180	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	250		ug/kg	190	64.	1
Butyl benzyl phthalate	490		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	1000		ug/kg	110	21.	1
Benzo(a)pyrene	1400		ug/kg	150	45.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438667

Project Number: 0200336-002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438667-02 Date Collected: 07/10/24 10:30

Client ID: TB-DOC64-071024-1030 Date Received: 07/10/24

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						
Benzo(b)fluoranthene	1700		ug/kg	110	31.	1
Benzo(k)fluoranthene	550		ug/kg	110	30.	1
Chrysene	990		ug/kg	110	19.	1
Acenaphthylene	630		ug/kg	150	29.	1
Anthracene	250		ug/kg	110	36.	1
Benzo(ghi)perylene	1700		ug/kg	150	22.	1
Fluorene	61	J	ug/kg	190	18.	1
Phenanthrene	610		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	190		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	150	26.	1
Pyrene	2200		ug/kg	110	18.	1
Biphenyl	28	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	40	J	ug/kg	190	18.	1
2-Methylnaphthalene	75	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	61	J	ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	45	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438667

Project Number: 0200336-002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438667-02 Date Collected: 07/10/24 10:30

Client ID: TB-DOC64-071024-1030 Date Received: 07/10/24

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						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	72		18-120

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438667

Project Number: 0200336-002 **Report Date:** 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/14/24 13:33
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 07/13/24 01:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1946497-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438667

Project Number: 0200336-002 **Report Date:** 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/14/24 13:33
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 07/13/24 01:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1946497-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2438667
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/14/24 13:33
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 07/13/24 01:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1946497-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	80		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2438667
Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1946497-2 WG1946497-3								
Acenaphthene	69		63		31-137	9		50
Hexachlorobenzene	68		64		40-140	6		50
Bis(2-chloroethyl)ether	68		63		40-140	8		50
2-Chloronaphthalene	71		66		40-140	7		50
3,3'-Dichlorobenzidine	62		53		40-140	16		50
2,4-Dinitrotoluene	77		72		40-132	7		50
2,6-Dinitrotoluene	83		78		40-140	6		50
Fluoranthene	78		72		40-140	8		50
4-Chlorophenyl phenyl ether	68		63		40-140	8		50
4-Bromophenyl phenyl ether	70		66		40-140	6		50
Bis(2-chloroisopropyl)ether	67		62		40-140	8		50
Bis(2-chloroethoxy)methane	74		68		40-117	8		50
Hexachlorobutadiene	64		60		40-140	6		50
Hexachlorocyclopentadiene	64		61		40-140	5		50
Hexachloroethane	66		61		40-140	8		50
Isophorone	72		67		40-140	7		50
Naphthalene	68		62		40-140	9		50
Nitrobenzene	72		66		40-140	9		50
NDPA/DPA	72		67		36-157	7		50
n-Nitrosodi-n-propylamine	72		66		32-121	9		50
Bis(2-ethylhexyl)phthalate	90		82		40-140	9		50
Butyl benzyl phthalate	95		89		40-140	7		50
Di-n-butylphthalate	90		82		40-140	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2438667
Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1946497-2 WG1946497-3								
Di-n-octylphthalate	88		81		40-140	8		50
Diethyl phthalate	76		70		40-140	8		50
Dimethyl phthalate	77		71		40-140	8		50
Benzo(a)anthracene	70		64		40-140	9		50
Benzo(a)pyrene	76		69		40-140	10		50
Benzo(b)fluoranthene	76		69		40-140	10		50
Benzo(k)fluoranthene	69		63		40-140	9		50
Chrysene	66		60		40-140	10		50
Acenaphthylene	76		70		40-140	8		50
Anthracene	77		70		40-140	10		50
Benzo(ghi)perylene	76		67		40-140	13		50
Fluorene	70		65		40-140	7		50
Phenanthrene	73		67		40-140	9		50
Dibenzo(a,h)anthracene	75		67		40-140	11		50
Indeno(1,2,3-cd)pyrene	81		72		40-140	12		50
Pyrene	77		72		35-142	7		50
Biphenyl	74		69		37-127	7		50
4-Chloroaniline	49		43		40-140	13		50
2-Nitroaniline	86		81		47-134	6		50
3-Nitroaniline	70		62		26-129	12		50
4-Nitroaniline	79		74		41-125	7		50
Dibenzofuran	68		63		40-140	8		50
2-Methylnaphthalene	73		67		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2438667

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1946497-2 WG1946497-3								
1,2,4,5-Tetrachlorobenzene	74		70		40-117	6		50
Acetophenone	75		69		14-144	8		50
2,4,6-Trichlorophenol	76		71		30-130	7		50
p-Chloro-m-cresol	79		73		26-103	8		50
2-Chlorophenol	72		67		25-102	7		50
2,4-Dichlorophenol	78		71		30-130	9		50
2,4-Dimethylphenol	70		64		30-130	9		50
2-Nitrophenol	85		78		30-130	9		50
4-Nitrophenol	78		72		11-114	8		50
2,4-Dinitrophenol	68		64		4-130	6		50
4,6-Dinitro-o-cresol	73		71		10-130	3		50
Pentachlorophenol	60		55		17-109	9		50
Phenol	72		65		26-90	10		50
2-Methylphenol	74		69		30-130.	7		50
3-Methylphenol/4-Methylphenol	75		68		30-130	10		50
2,4,5-Trichlorophenol	77		72		30-130	7		50
Carbazole	76		70		54-128	8		50
Atrazine	78		76		40-140	3		50
Benzaldehyde	62		59		40-140	5		50
Caprolactam	90		83		15-130	8		50
2,3,4,6-Tetrachlorophenol	74		68		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2438667

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1946497-2 WG1946497-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		66		25-120
Phenol-d6	74		67		10-120
Nitrobenzene-d5	71		65		23-120
2-Fluorobiphenyl	69		63		30-120
2,4,6-Tribromophenol	77		71		10-136
4-Terphenyl-d14	75		70		18-120

METALS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438667

Project Number: 0200336-002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438667-01 Date Collected: 07/10/24 10:50

Client ID: TB-DOC63-071024-1050 Date Received: 07/10/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3890		mg/kg	8.57	2.31	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Antimony, Total	3.95	J	mg/kg	4.28	0.326	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Arsenic, Total	30.8		mg/kg	0.857	0.178	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Barium, Total	51.3		mg/kg	0.857	0.149	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.360	J	mg/kg	0.428	0.028	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.242	J	mg/kg	0.857	0.084	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Calcium, Total	38700		mg/kg	8.57	3.00	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Chromium, Total	8.87		mg/kg	0.857	0.082	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.05		mg/kg	1.71	0.142	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Copper, Total	67.4		mg/kg	0.857	0.221	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Iron, Total	30700		mg/kg	4.28	0.774	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Lead, Total	192		mg/kg	4.28	0.230	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Magnesium, Total	15600		mg/kg	8.57	1.32	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Manganese, Total	476		mg/kg	0.857	0.136	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Mercury, Total	0.381		mg/kg	0.070	0.046	1	07/12/24 09:10	07/17/24 10:33	EPA 7471B	1,7471B	MJR
Nickel, Total	12.9		mg/kg	2.14	0.207	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Potassium, Total	392		mg/kg	214	12.3	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Selenium, Total	0.790	J	mg/kg	1.71	0.221	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Silver, Total	0.365	J	mg/kg	0.428	0.242	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Sodium, Total	95.2	J	mg/kg	171	2.70	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.71	0.270	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Vanadium, Total	15.1		mg/kg	0.857	0.174	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL
Zinc, Total	90.0		mg/kg	4.28	0.251	2	07/12/24 08:45	07/15/24 16:31	EPA 3050B	1,6010D	DHL

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438667

Project Number: 0200336-002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438667-02 Date Collected: 07/10/24 10:30

Client ID: TB-DOC64-071024-1030 Date Received: 07/10/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4810		mg/kg	8.79	2.37	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Antimony, Total	1.11	J	mg/kg	4.39	0.334	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Arsenic, Total	18.0		mg/kg	0.879	0.183	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Barium, Total	58.0		mg/kg	0.879	0.153	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.310	J	mg/kg	0.439	0.029	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.156	J	mg/kg	0.879	0.086	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Calcium, Total	38800		mg/kg	8.79	3.08	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Chromium, Total	7.94		mg/kg	0.879	0.084	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.28		mg/kg	1.76	0.146	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Copper, Total	45.4		mg/kg	0.879	0.227	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Iron, Total	16100		mg/kg	4.39	0.793	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Lead, Total	158		mg/kg	4.39	0.235	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Magnesium, Total	8940		mg/kg	8.79	1.35	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Manganese, Total	350		mg/kg	0.879	0.140	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Mercury, Total	0.229		mg/kg	0.070	0.046	1	07/12/24 09:10	07/17/24 10:56	EPA 7471B	1,7471B	MJR
Nickel, Total	430		mg/kg	2.20	0.213	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Potassium, Total	433		mg/kg	220	12.6	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Selenium, Total	0.422	J	mg/kg	1.76	0.227	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Silver, Total	0.604		mg/kg	0.439	0.249	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Sodium, Total	95.2	J	mg/kg	176	2.77	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.76	0.277	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Vanadium, Total	14.6		mg/kg	0.879	0.178	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL
Zinc, Total	78.1		mg/kg	4.39	0.257	2	07/12/24 08:45	07/15/24 17:17	EPA 3050B	1,6010D	DHL

Project Name: 65 TROWBRIDGE-DOC. SAMPLES **Lab Number:** L2438667

Project Number: 0200336-002 **Report Date:** 07/17/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1946094-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/12/24 09:10	07/17/24 10:27	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1946103-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Arsenic, Total	0.106	J	mg/kg	0.400	0.083	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Iron, Total	1.07	J	mg/kg	2.00	0.361	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/12/24 08:45	07/15/24 16:13	1,6010D	DHL

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2438667
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2438667

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1946094-2								
Mercury, Total	100		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2438667

Report Date: 07/17/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1946103-2					
Aluminum, Total	112	-	80-120	-	
Antimony, Total	112	-	80-120	-	
Arsenic, Total	106	-	80-120	-	
Barium, Total	108	-	80-120	-	
Beryllium, Total	111	-	80-120	-	
Cadmium, Total	104	-	80-120	-	
Calcium, Total	109	-	80-120	-	
Chromium, Total	106	-	80-120	-	
Cobalt, Total	107	-	80-120	-	
Copper, Total	110	-	80-120	-	
Iron, Total	110	-	80-120	-	
Lead, Total	106	-	80-120	-	
Magnesium, Total	107	-	80-120	-	
Manganese, Total	105	-	80-120	-	
Nickel, Total	103	-	80-120	-	
Potassium, Total	110	-	80-120	-	
Selenium, Total	105	-	80-120	-	
Silver, Total	107	-	80-120	-	
Sodium, Total	111	-	80-120	-	
Thallium, Total	104	-	80-120	-	
Vanadium, Total	108	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2438667

Report Date: 07/17/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1946103-2					
Zinc, Total	104	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2438667
Report Date: 07/17/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1946094-3 QC Sample: L2438667-01 Client ID: TB-DOC63-071024-1050												
Mercury, Total	0.381	1.4	2.13	**125**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2438667
Report Date: 07/17/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1946103-3 QC Sample: L2438667-01 Client ID: TB-DOC63-071024-1050										
Aluminum, Total	3890	169	4410	**308**	Q	-	-	75-125	-	20
Antimony, Total	3.95J	42.2	41.5	98		-	-	75-125	-	20
Arsenic, Total	30.8	10.1	39.3	84		-	-	75-125	-	20
Barium, Total	51.3	169	224	102		-	-	75-125	-	20
Beryllium, Total	0.360J	4.22	4.74	112		-	-	75-125	-	20
Cadmium, Total	0.242J	4.48	4.29	96		-	-	75-125	-	20
Calcium, Total	38700	845	31200	**0**	Q	-	-	75-125	-	20
Chromium, Total	8.87	16.9	25.5	98		-	-	75-125	-	20
Cobalt, Total	5.05	42.2	44.3	93		-	-	75-125	-	20
Copper, Total	67.4	21.1	89.2	103		-	-	75-125	-	20
Iron, Total	30700	84.5	22000	**0**	Q	-	-	75-125	-	20
Lead, Total	192	44.8	217	**56**	Q	-	-	75-125	-	20
Magnesium, Total	15600	845	10600	**0**	Q	-	-	75-125	-	20
Manganese, Total	476	42.2	354	**0**	Q	-	-	75-125	-	20
Nickel, Total	12.9	42.2	54.5	98		-	-	75-125	-	20
Potassium, Total	392	845	1320	110		-	-	75-125	-	20
Selenium, Total	0.790J	10.1	11.1	109		-	-	75-125	-	20
Silver, Total	0.365J	4.22	4.48	106		-	-	75-125	-	20
Sodium, Total	95.2J	845	992	117		-	-	75-125	-	20
Thallium, Total	ND	10.1	8.34	82		-	-	75-125	-	20
Vanadium, Total	15.1	42.2	55.2	95		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2438667
Report Date: 07/17/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1946103-3 QC Sample: L2438667-01 Client ID: TB-DOC63-071024-1050										
Zinc, Total	90.0	42.2	121	**73**	Q	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2438667

Report Date: 07/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1946094-4 QC Sample: L2438667-01 Client ID: TB-DOC63-071024-1050						
Mercury, Total	0.381	0.378	mg/kg	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2438667

Report Date: 07/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1946103-4 QC Sample: L2438667-01 Client ID: TB-DOC63-071024-1050						
Aluminum, Total	3890	4170	mg/kg	7		20
Antimony, Total	3.95J	3.56J	mg/kg	NC		20
Arsenic, Total	30.8	28.9	mg/kg	6		20
Barium, Total	51.3	52.2	mg/kg	2		20
Beryllium, Total	0.360J	0.347J	mg/kg	NC		20
Cadmium, Total	0.242J	0.238J	mg/kg	NC		20
Calcium, Total	38700	34200	mg/kg	12		20
Chromium, Total	8.87	11.0	mg/kg	**21**	Q	20
Cobalt, Total	5.05	4.59	mg/kg	10		20
Copper, Total	67.4	59.9	mg/kg	12		20
Iron, Total	30700	23200	mg/kg	**28**	Q	20
Lead, Total	192	207	mg/kg	8		20
Magnesium, Total	15600	12700	mg/kg	20		20
Manganese, Total	476	303	mg/kg	**44**	Q	20
Nickel, Total	12.9	13.6	mg/kg	5		20
Potassium, Total	392	439	mg/kg	11		20
Selenium, Total	0.790J	0.760J	mg/kg	NC		20
Silver, Total	0.365J	0.332J	mg/kg	NC		20
Sodium, Total	95.2J	156J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2438667

Report Date: 07/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1946103-4 QC Sample: L2438667-01 Client ID: TB-DOC63-071024-1050					
Thallium, Total	ND	0.480J	mg/kg	NC	20
Vanadium, Total	15.1	16.6	mg/kg	9	20
Zinc, Total	90.0	84.6	mg/kg	6	20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2438667
Report Date: 07/17/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1946103-6 QC Sample: L2438667-01 Client ID: TB-DOC63-071024-1050						
Aluminum, Total	3890	3880	mg/kg	0		20
Arsenic, Total	30.8	30.7	mg/kg	0		20
Barium, Total	51.3	52.2	mg/kg	2		20
Calcium, Total	38700	41300	mg/kg	7		20
Copper, Total	67.4	68.2	mg/kg	1		20
Iron, Total	30700	34000	mg/kg	11		20
Lead, Total	192	194	mg/kg	1		20
Magnesium, Total	15600	16400	mg/kg	5		20
Manganese, Total	476	506	mg/kg	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2438667
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438667-01
Client ID: TB-DOC63-071024-1050
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/10/24 10:50
Date Received: 07/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	07/12/24 09:23	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	07/12/24 19:40	07/15/24 12:51	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002
Lab Number: L2438667
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438667-02
Client ID: TB-DOC64-071024-1030
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/10/24 10:30
Date Received: 07/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	07/12/24 09:23	121,2540G	ROI
Cyanide, Total	0.39	J	mg/kg	1.1	0.23	1	07/12/24 19:40	07/15/24 12:52	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Lab Number: L2438667
Project Number: 0200336-002
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1946449-1										
Cyanide, Total	ND		mg/kg	0.92	0.20	1	07/12/24 19:40	07/15/24 12:21	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2438667

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1946449-2 WG1946449-3								
Cyanide, Total	95		83		80-120	15		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2438667
Report Date: 07/17/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1946449-4 WG1946449-5 QC Sample: L2438243-03 Client ID: MS Sample												
Cyanide, Total	ND	11	9.9	91		10	88		75-125	3		35
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1946449-6 WG1946449-7 QC Sample: L2438243-04 Client ID: MS Sample												
Cyanide, Total	0.23J	10	9.5	90		8.8	85		75-125	5		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-DOC. SAMPLES

Project Number: 0200336-002

Lab Number: L2438667

Report Date: 07/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1946134-1 QC Sample: L2438667-01 Client ID: TB-DOC63-071024-1050						
Solids, Total	89.4	89.7	%	0		20

Project Name: 65 TROWBRIDGE-DOC. SAMPLES
Project Number: 0200336-002

Lab Number: L2438667
Report Date: 07/17/24

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(*)
L2438667-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2438667-01B	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7)
L2438667-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2438667-02B	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2438667
Project Number:	0200336-002	**Report Date:**	07/17/24

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:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2438667
Project Number:	0200336-002	**Report Date:**	07/17/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2438667
Project Number:	0200336-002	**Report Date:**	07/17/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-DOC. SAMPLES	**Lab Number:**	L2438667
Project Number:	0200336-002	**Report Date:**	07/17/24

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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.

Serial No:07172416:57

L2438667 17JUL24
HALEY – NY

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 7/11/24

Project Information

Project Name: 65 TROWBRIDGE - DOCUMENTATION SAMPLES
Project Location: Rochester, NY
Project # 0200336-002
(Use Project name as Project #) ☐
Project Manager: J. SZUCS
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days: 5 day

Deliverables

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

PO #

Client Information

Client: H&A
Address: 200 Town Centre Dr.
Rochester, NY 14623
Phone: 585-359-9000
Fax:
Email: JSZUCS@haleyaldrich.com

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:
CC: smckenna@haleyaldrich.com
Khartlett@haleyaldrich.com bwhite@haleyaldrich.com

Please specify Metals or TAL.

ANALYSIS

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

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs 8270	TCL Metals 6010	Cyanide	Pesticides 8081	Herbicides 8151	PCBs 8082	PFAS 1633	Total Bottle
38667 01	TB-DOC03-071024-1050	7/10/24	10:50	SO	KB	X	X	X	X	X	X	X	2
02	TB-DOC04-071024-1030	↓	10:30	SO	KB	X	X	X	X	X	X	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	A	A	A	A	A	A	A		
Preservative	A	A	A	A	A	A	A		

Relinquished By:	Date/Time	Received By:	Date/Time
	7/10/24 11:44	Mary Pace	7/10/24 1143
Mary Pace	7/10/24 18:00	Rochsc	7/10/24 1800
Rochsc	7-10-24 18:47	Russell B Bixby	7-10-24 18:47
Russell B Bixby	7-10-24 20:15		7-10-24 20:15
	7-10 0400	Tyler Bartlett	7-11-24 04:00

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

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

ANALYTICAL REPORT

Lab Number:	L2435073
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE ST. - STOCKPILE
Project Number:	0200336-002
Report Date:	06/25/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 65 TROWBRIDGE ST. - STOCKPILE
Project Number: 0200336-002

Lab Number: L2435073
Report Date: 06/25/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435073-01	SP01-062024-1340	SOIL	ROCHESTER, NY	06/20/24 13:40	06/20/24

Project Name:	65 TROWBRIDGE ST. - STOCKPILE	**Lab Number:**	L2435073
Project Number:	0200336-002	**Report Date:**	06/25/24

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:	65 TROWBRIDGE ST. - STOCKPILE	**Lab Number:**	L2435073
Project Number:	0200336-002	**Report Date:**	06/25/24

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: Kelly O'Neill

Title: Technical Director/Representative Date: 06/25/24

ORGANICS

VOLATILES

Project Name: 65 TROWBRIDGE ST. - STOCKPILE **Lab Number:** L2435073

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2435073-01
Client ID: SP01-062024-1340
Sample Location: ROCHESTER, NY

Date Collected: 06/20/24 13:40
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/24/24 11:55
Analyst: MAG
Percent Solids: 81%
TCLP/SPLP Ext. Date: 06/23/24 03:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
dibromofluoromethane	112		70-130

Project Name: 65 TROWBRIDGE ST. - STOCKPILE
Project Number: 0200336-002
Lab Number: L2435073
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/24/24 08:15
Analyst: PID
TCLP/SPLP Extraction Date: 06/23/24 03:13
Extraction Date: 06/23/24 03:13

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1938515-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
dibromofluoromethane	108		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE ST. - STOCKPILE
Project Number: 0200336-002

Lab Number: L2435073
Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1938515-3 WG1938515-4								
Chloroform	110		120		70-130	9		20
Carbon tetrachloride	110		110		63-132	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	110		110		75-130	0		25
1,2-Dichloroethane	110		120		70-130	9		20
Benzene	110		110		70-130	0		25
Vinyl chloride	130		120		55-140	8		20
1,1-Dichloroethene	93		100		61-145	7		25
Trichloroethene	100		99		70-130	1		25
1,4-Dichlorobenzene	100		100		70-130	0		20
2-Butanone	90		99		63-138	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		111		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	88		89		70-130
dibromofluoromethane	103		105		70-130

SEMIVOLATILES

Project Name: 65 TROWBRIDGE ST. - STOCKPILE
Lab Number: L2435073
Project Number: 0200336-002
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2435073-01
Client ID: SP01-062024-1340
Sample Location: ROCHESTER, NY

Date Collected: 06/20/24 13:40
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/25/24 11:16
Analyst: SZ
Percent Solids: 81%
TCLP/SPLP Ext. Date: 06/22/24 08:06

Extraction Method: EPA 3510C
Extraction Date: 06/24/24 09:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	3.4	1
2,4-Dinitrotoluene	ND		ug/l	25	1.9	1
Hexachlorobutadiene	ND		ug/l	10	3.0	1
Hexachloroethane	ND		ug/l	10	2.2	1
Nitrobenzene	ND		ug/l	10	3.3	1
2,4,6-Trichlorophenol	ND		ug/l	25	2.5	1
Pentachlorophenol	ND		ug/l	50	9.8	1
2-Methylphenol	ND		ug/l	25	5.5	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	2.8	1
2,4,5-Trichlorophenol	ND		ug/l	25	1.9	1
Pyridine	ND		ug/l	18	4.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		21-120
Phenol-d6	83		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	76		33-120

Project Name: 65 TROWBRIDGE ST. - STOCKPILE
Project Number: 0200336-002
Lab Number: L2435073
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/24/24 13:30
Analyst: LJG
TCLP/SPLP Extraction Date: 06/22/24 08:06

Extraction Method: EPA 3510C
Extraction Date: 06/23/24 23:34

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1938274-1					
Hexachlorobenzene	ND		ug/l	10	3.4
2,4-Dinitrotoluene	ND		ug/l	25	1.9
Hexachlorobutadiene	ND		ug/l	10	3.0
Hexachloroethane	ND		ug/l	10	2.2
Nitrobenzene	ND		ug/l	10	3.3
2,4,6-Trichlorophenol	ND		ug/l	25	2.5
Pentachlorophenol	ND		ug/l	50	9.8
2-Methylphenol	ND		ug/l	25	5.5
3-Methylphenol/4-Methylphenol	ND		ug/l	25	2.8
2,4,5-Trichlorophenol	ND		ug/l	25	1.9
Pyridine	ND		ug/l	18	4.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		21-120
Phenol-d6	67		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	110		10-120
4-Terphenyl-d14	87		33-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE ST. - STOCKPILE

Project Number: 0200336-002

Lab Number: L2435073

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1938274-2 WG1938274-3								
Hexachlorobenzene	96		94		40-140	2		30
2,4-Dinitrotoluene	96		96		40-132	0		30
Hexachlorobutadiene	92		90		28-111	2		30
Hexachloroethane	81		84		21-105	4		30
Nitrobenzene	80		83		40-140	4		30
2,4,6-Trichlorophenol	92		94		30-130	2		30
Pentachlorophenol	97		97		9-103	0		30
2-Methylphenol	80		84		30-130	5		30
3-Methylphenol/4-Methylphenol	85		91		30-130	7		30
2,4,5-Trichlorophenol	95		98		30-130	3		30
Pyridine	38		41		10-66	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		82		21-120
Phenol-d6	71		74		10-120
Nitrobenzene-d5	81		83		23-120
2-Fluorobiphenyl	84		84		15-120
2,4,6-Tribromophenol	108		107		10-120
4-Terphenyl-d14	82		83		33-120

PCBS

Project Name: 65 TROWBRIDGE ST. - STOCKPILE **Lab Number:** L2435073

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2435073-01
Client ID: SP01-062024-1340
Sample Location: ROCHESTER, NY

Date Collected: 06/20/24 13:40
Date Received: 06/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/24/24 11:14
Analyst: AD
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/23/24 14:20
Cleanup Method: EPA 3665A
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.3	5.35	1	A
Aroclor 1221	ND		ug/kg	60.3	6.04	1	A
Aroclor 1232	ND		ug/kg	60.3	12.8	1	A
Aroclor 1242	ND		ug/kg	60.3	8.13	1	A
Aroclor 1248	ND		ug/kg	60.3	9.04	1	A
Aroclor 1254	44.4	J	ug/kg	60.3	6.60	1	A
Aroclor 1260	29.3	J	ug/kg	60.3	11.1	1	A
Aroclor 1262	ND		ug/kg	60.3	7.66	1	A
Aroclor 1268	11.9	J	ug/kg	60.3	6.25	1	A
PCBs, Total	85.6	J	ug/kg	60.3	5.35	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 65 TROWBRIDGE ST. - STOCKPILE
Project Number: 0200336-002
Lab Number: L2435073
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/24/24 08:44
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 06/23/24 08:08
Cleanup Method: EPA 3665A
Cleanup Date: 06/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1938084-1						
Aroclor 1016	ND		ug/kg	48.8	4.34	A
Aroclor 1221	ND		ug/kg	48.8	4.89	A
Aroclor 1232	ND		ug/kg	48.8	10.4	A
Aroclor 1242	ND		ug/kg	48.8	6.58	A
Aroclor 1248	ND		ug/kg	48.8	7.32	A
Aroclor 1254	ND		ug/kg	48.8	5.34	A
Aroclor 1260	ND		ug/kg	48.8	9.02	A
Aroclor 1262	ND		ug/kg	48.8	6.20	A
Aroclor 1268	ND		ug/kg	48.8	5.06	A
PCBs, Total	ND		ug/kg	48.8	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE ST. - STOCKPILE

Project Number: 0200336-002

Lab Number: L2435073

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1938084-2 WG1938084-3									
Aroclor 1016	75		76		40-140	1		50	A
Aroclor 1260	73		74		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		72		30-150	A
Decachlorobiphenyl	91		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		80		30-150	B
Decachlorobiphenyl	90		88		30-150	B

METALS

Project Name: 65 TROWBRIDGE ST. - STOCKPILE **Lab Number:** L2435073

Project Number: 0200336-002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2435073-01 Date Collected: 06/20/24 13:40

Client ID: SP01-062024-1340 Date Received: 06/20/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/22/24 08:06

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	06/24/24 16:40	06/24/24 20:19	EPA 3015	1,6010D	DMC
Barium, TCLP	0.606		mg/l	0.500	0.0210	1	06/24/24 16:40	06/24/24 20:19	EPA 3015	1,6010D	DMC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	06/24/24 16:40	06/24/24 20:19	EPA 3015	1,6010D	DMC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	06/24/24 16:40	06/24/24 20:19	EPA 3015	1,6010D	DMC
Lead, TCLP	0.522		mg/l	0.500	0.0270	1	06/24/24 16:40	06/24/24 20:19	EPA 3015	1,6010D	DMC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	06/24/24 14:38	06/25/24 07:59	EPA 7470A	1,7470A	JWN
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	06/24/24 16:40	06/24/24 20:19	EPA 3015	1,6010D	DMC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	06/24/24 16:40	06/24/24 20:19	EPA 3015	1,6010D	DMC

Project Name: 65 TROWBRIDGE ST. - STOCKPILE
Project Number: 0200336-002
Lab Number: L2435073
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1938520-1										
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	06/24/24 16:40	06/24/24 20:06	1,6010D	DMC
Barium, TCLP	ND		mg/l	0.500	0.0210	1	06/24/24 16:40	06/24/24 20:06	1,6010D	DMC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	06/24/24 16:40	06/24/24 20:06	1,6010D	DMC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	06/24/24 16:40	06/24/24 20:06	1,6010D	DMC
Lead, TCLP	ND		mg/l	0.500	0.0270	1	06/24/24 16:40	06/24/24 20:06	1,6010D	DMC
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	06/24/24 16:40	06/24/24 20:06	1,6010D	DMC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	06/24/24 16:40	06/24/24 20:06	1,6010D	DMC

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 06/22/24 08:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1938521-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	06/24/24 14:38	06/25/24 07:53	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 06/22/24 08:06

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE ST. - STOCKPILE

Project Number: 0200336-002

Lab Number: L2435073

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1938520-2								
Arsenic, TCLP	88		-		75-125	-		20
Barium, TCLP	99		-		75-125	-		20
Cadmium, TCLP	94		-		75-125	-		20
Chromium, TCLP	94		-		75-125	-		20
Lead, TCLP	94		-		75-125	-		20
Selenium, TCLP	86		-		75-125	-		20
Silver, TCLP	95		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1938521-2								
Mercury, TCLP	94		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE ST. - STOCKPILE
Project Number: 0200336-002

Lab Number: L2435073
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1938520-3 QC Sample: L2435073-01 Client ID: SP01-062024-1340												
Arsenic, TCLP	ND	1.2	1.16	97		-	-		75-125	-		20
Barium, TCLP	0.606	20	21.2	103		-	-		75-125	-		20
Cadmium, TCLP	ND	0.53	0.525	99		-	-		75-125	-		20
Chromium, TCLP	ND	2	1.95	98		-	-		75-125	-		20
Lead, TCLP	0.522	5.3	5.69	98		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.12	93		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.501	100		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1938521-3 QC Sample: L2435073-01 Client ID: SP01-062024-1340												
Mercury, TCLP	ND	0.025	0.0229	92		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE ST. - STOCKPILE

Project Number: 0200336-002

Lab Number: L2435073

Report Date: 06/25/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1938520-4 QC Sample: L2435073-01 Client ID: SP01-062024-1340						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.606	0.616	mg/l	2		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	0.522	0.526	mg/l	1		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1938521-4 QC Sample: L2435073-01 Client ID: SP01-062024-1340						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE ST. - STOCKPILE
Project Number: 0200336-002
Lab Number: L2435073
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2435073-01
Client ID: SP01-062024-1340
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/20/24 13:40
Date Received: 06/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.9		%	0.100	NA	1	-	06/21/24 13:18	121,2540G	ROI
pH (H)	8.45		SU	-	NA	1	-	06/21/24 17:29	1,9045D	AAS
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/21/24 15:26	06/21/24 16:52	125,7.3	JLB
Sulfide, Reactive	12		mg/kg	10	10.	1	06/21/24 15:26	06/21/24 17:08	125,7.3	JLB

Project Name: 65 TROWBRIDGE ST. - STOCKPILE
Project Number: 0200336-002
Lab Number: L2435073
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1937695-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/21/24 15:26	06/21/24 16:44	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1937698-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/21/24 15:26	06/21/24 17:09	125,7.3	JLB

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE ST. - STOCKPILE

Project Number: 0200336-002

Lab Number: L2435073

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1937695-2								
Cyanide, Reactive	99		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1937698-2								
Sulfide, Reactive	111		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1937751-1								
pH	100		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE ST. - STOCKPILE

Project Number: 0200336-002

Lab Number: L2435073

Report Date: 06/25/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1937586-1 QC Sample: L2434776-01 Client ID: DUP Sample						
Solids, Total	83.7	82.7	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1937695-3 QC Sample: L2434443-35 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1937698-3 QC Sample: L2434443-35 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1937751-2 QC Sample: L2434874-04 Client ID: DUP Sample						
pH	7.96	7.49	SU	**6**	Q	5

Project Name: 65 TROWBRIDGE ST. - STOCKPILE
Project Number: 0200336-002

Lab Number: L2435073
Report Date: 06/25/24

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(*)
L2435073-01A	Plastic 2oz unpreserved for TS	A	NA		5.1	Y	Absent		TS(7)
L2435073-01B	Vial Large Septa unpreserved (4oz)	A	NA		5.1	Y	Absent		TCLP-EXT-ZHE(14)
L2435073-01C	Glass 500ml/16oz unpreserved	A	NA		5.1	Y	Absent		REACTS(14),PH-9045(1),NYTCL-8082(365),REACTCN(14)
L2435073-01W	Amber 1000ml unpreserved Extracts	A	NA		5.1	Y	Absent		TCLP-8270(14)
L2435073-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		5.1	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2435073-01X9	Tumble Vessel	A	NA		5.1	Y	Absent		-
L2435073-01Y	Vial unpreserved Extracts	A	NA		5.1	Y	Absent		TCLP-VOA(14)
L2435073-01Z	Vial unpreserved Extracts	A	NA		5.1	Y	Absent		TCLP-VOA(14)

*Values in parentheses indicate holding time in days

Project Name:	65 TROWBRIDGE ST. - STOCKPILE	**Lab Number:**	L2435073
Project Number:	0200336-002	**Report Date:**	06/25/24

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:	65 TROWBRIDGE ST. - STOCKPILE	**Lab Number:**	L2435073
Project Number:	0200336-002	**Report Date:**	06/25/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE ST. - STOCKPILE	**Lab Number:**	L2435073
Project Number:	0200336-002	**Report Date:**	06/25/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE ST. - STOCKPILE	**Lab Number:**	L2435073
Project Number:	0200336-002	**Report Date:**	06/25/24

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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.

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

NEW YORK CHAIN OF CUSTODY

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: 6/21/24

ALPHA Job #: L2435073

Client Information
Client: H&A
Address: 200 Town Centre Dr. Rochester, NY 14623
Phone: 585-359-9000
Fax: JSZUCS@
Email: haleyaldrich.com

Project Information
Project Name: 105 TROWBRIDGE ST - STOCKPILE
Project Location: Rochester, NY
Project # 0200336-002
(Use Project name as Project #) ☐
Project Manager: J. SZUCS
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 3

Deliverables
☐ ASP-A
☐ EQuIS (1 File)
☒ EQuIS (4 File) only
☐ 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:
cc: smckenna@haleyaldrich.com gwhite@haleyaldrich.com
khartnett@haleyaldrich.com

Please specify Metals or TAL.
★3 day TAT★

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCLP VOCs	TAL Metals	Total Reactivity & Corrosivity	pH	PCBs	Total Solids	Total Bottle
35073 01	SP01-062024-1340	6/20/24	13:40	SO	KB	X	X	X	X	X	X	X	3

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

Sample Specific Comments

Container Type	A	A	A	A	A	A	P	
Preservative	A	A	A	A	A	A	A	

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	6/20 15:30	SECURE STORAGE PACK	6/20/24 15:30
SECURE STORAGE PACK	6/20/24 17:25	W MOT PACK	6/20/24 17:25
W MOT PACK	6/21/24 17:25		6/21/24 0150

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:	L2438206
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-STOCKPILE
Project Number:	0200336-002
Report Date:	07/10/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 65 TROWBRIDGE-STOCKPILE
Project Number: 0200336-002

Lab Number: L2438206
Report Date: 07/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2438206-01	SP02-070824-1400	SOIL	ROCHESTER, NY	07/08/24 14:00	07/08/24

Project Name:	65 TROWBRIDGE-STOCKPILE	**Lab Number:**	L2438206
Project Number:	0200336-002	**Report Date:**	07/10/24

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:	65 TROWBRIDGE-STOCKPILE	**Lab Number:**	L2438206
Project Number:	0200336-002	**Report Date:**	07/10/24

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.

TCLP Semivolatiles

The WG1945091-2/-3 LCS/LCSD RPDs, associated with L2438206-01, are above the acceptance criteria for hexachlorobenzene (48%), 2,4-dinitrotoluene (47%), hexachlorobutadiene (58%), hexachloroethane (55%), nitrobenzene (51%), 2,4,6-trichlorophenol (50%), pentachlorophenol (44%), 2-methylphenol (50%), 3-methylphenol/4-methylphenol (50%), 2,4,5-trichlorophenol (49%), and pyridine (62%).

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

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 07/10/24

ORGANICS

VOLATILES

Project Name: 65 TROWBRIDGE-STOCKPILE **Lab Number:** L2438206

Project Number: 0200336-002 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438206-01
Client ID: SP02-070824-1400
Sample Location: ROCHESTER, NY

Date Collected: 07/08/24 14:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/10/24 06:03
Analyst: MCM
Percent Solids: 89%
TCLP/SPLP Ext. Date: 07/09/24 05:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	21		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	110		70-130
dibromofluoromethane	107		70-130

Project Name: 65 TROWBRIDGE-STOCKPILE
Project Number: 0200336-002
Lab Number: L2438206
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/10/24 04:40
Analyst: MCM
TCLP/SPLP Extraction Date: 07/09/24 05:00

Extraction Date: 07/09/24 05:00

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1945211-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	111		70-130
dibromofluoromethane	108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-STOCKPILE
Project Number: 0200336-002

Lab Number: L2438206
Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1945211-3 WG1945211-4								
Chloroform	99		99		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		25
1,2-Dichloroethane	91		95		70-130	4		20
Benzene	100		98		70-130	2		25
Vinyl chloride	77		79		55-140	3		20
1,1-Dichloroethene	110		110		61-145	0		25
Trichloroethene	96		96		70-130	0		25
1,4-Dichlorobenzene	110		110		70-130	0		20
2-Butanone	89		93		63-138	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	80		87		70-130
Toluene-d8	100		102		70-130
4-Bromofluorobenzene	99		97		70-130
dibromofluoromethane	100		99		70-130

SEMIVOLATILES

Project Name: 65 TROWBRIDGE-STOCKPILE **Lab Number:** L2438206

Project Number: 0200336-002 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438206-01
Client ID: SP02-070824-1400
Sample Location: ROCHESTER, NY

Date Collected: 07/08/24 14:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/10/24 12:52
Analyst: JG
Percent Solids: 89%
TCLP/SPLP Ext. Date: 07/09/24 06:09

Extraction Method: EPA 3510C
Extraction Date: 07/10/24 03:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	3.4	1
2,4-Dinitrotoluene	ND		ug/l	25	1.9	1
Hexachlorobutadiene	ND		ug/l	10	3.0	1
Hexachloroethane	ND		ug/l	10	2.2	1
Nitrobenzene	ND		ug/l	10	3.3	1
2,4,6-Trichlorophenol	ND		ug/l	25	2.5	1
Pentachlorophenol	ND		ug/l	50	9.8	1
2-Methylphenol	ND		ug/l	25	5.5	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	2.8	1
2,4,5-Trichlorophenol	ND		ug/l	25	1.9	1
Pyridine	ND		ug/l	18	4.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	66		33-120

Project Name: 65 TROWBRIDGE-STOCKPILE
Project Number: 0200336-002
Lab Number: L2438206
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/10/24 10:09
Analyst: JG
TCLP/SPLP Extraction Date: 07/07/24 22:30

Extraction Method: EPA 3510C
Extraction Date: 07/10/24 03:15

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1945091-1					
Hexachlorobenzene	ND		ug/l	10	3.4
2,4-Dinitrotoluene	ND		ug/l	25	1.9
Hexachlorobutadiene	ND		ug/l	10	3.0
Hexachloroethane	ND		ug/l	10	2.2
Nitrobenzene	ND		ug/l	10	3.3
2,4,6-Trichlorophenol	ND		ug/l	25	2.5
Pentachlorophenol	ND		ug/l	50	9.8
2-Methylphenol	ND		ug/l	25	5.5
3-Methylphenol/4-Methylphenol	ND		ug/l	25	2.8
2,4,5-Trichlorophenol	ND		ug/l	25	1.9
Pyridine	ND		ug/l	18	4.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	42		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	55		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-STOCKPILE
Project Number: 0200336-002

Lab Number: L2438206
Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1945091-2 WG1945091-3								
Hexachlorobenzene	82		50		40-140	**48**	Q	30
2,4-Dinitrotoluene	97		60		40-132	**47**	Q	30
Hexachlorobutadiene	80		44		28-111	**58**	Q	30
Hexachloroethane	88		50		21-105	**55**	Q	30
Nitrobenzene	98		58		40-140	**51**	Q	30
2,4,6-Trichlorophenol	83		50		30-130	**50**	Q	30
Pentachlorophenol	78		50		9-103	**44**	Q	30
2-Methylphenol	93		56		30-130	**50**	Q	30
3-Methylphenol/4-Methylphenol	98		59		30-130	**50**	Q	30
2,4,5-Trichlorophenol	89		54		30-130	**49**	Q	30
Pyridine	34		18		10-66	**62**	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	91		52		21-120
Phenol-d6	85		50		10-120
Nitrobenzene-d5	105		60		23-120
2-Fluorobiphenyl	82		49		15-120
2,4,6-Tribromophenol	89		56		10-120
4-Terphenyl-d14	95		59		33-120

PCBS

Project Name: 65 TROWBRIDGE-STOCKPILE **Lab Number:** L2438206

Project Number: 0200336-002 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438206-01
Client ID: SP02-070824-1400
Sample Location: ROCHESTER, NY

Date Collected: 07/08/24 14:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/09/24 08:02
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/09/24 03:03
Cleanup Method: EPA 3665A
Cleanup Date: 07/09/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/09/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.2	4.90	1	A
Aroclor 1221	ND		ug/kg	55.2	5.53	1	A
Aroclor 1232	ND		ug/kg	55.2	11.7	1	A
Aroclor 1242	ND		ug/kg	55.2	7.44	1	A
Aroclor 1248	ND		ug/kg	55.2	8.28	1	A
Aroclor 1254	ND		ug/kg	55.2	6.04	1	A
Aroclor 1260	31.0	J	ug/kg	55.2	10.2	1	B
Aroclor 1262	ND		ug/kg	55.2	7.01	1	A
Aroclor 1268	ND		ug/kg	55.2	5.72	1	A
PCBs, Total	31.0	J	ug/kg	55.2	4.90	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	116		30-150	B

Project Name: 65 TROWBRIDGE-STOCKPILE
Project Number: 0200336-002
Lab Number: L2438206
Report Date: 07/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/09/24 06:41
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 07/08/24 16:56
Cleanup Method: EPA 3665A
Cleanup Date: 07/09/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/09/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1944514-1						
Aroclor 1016	ND		ug/kg	47.9	4.25	A
Aroclor 1221	ND		ug/kg	47.9	4.80	A
Aroclor 1232	ND		ug/kg	47.9	10.2	A
Aroclor 1242	ND		ug/kg	47.9	6.46	A
Aroclor 1248	ND		ug/kg	47.9	7.18	A
Aroclor 1254	ND		ug/kg	47.9	5.24	A
Aroclor 1260	ND		ug/kg	47.9	8.85	A
Aroclor 1262	ND		ug/kg	47.9	6.08	A
Aroclor 1268	ND		ug/kg	47.9	4.96	A
PCBs, Total	ND		ug/kg	47.9	4.25	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	110		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	124		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-STOCKPILE
Project Number: 0200336-002

Lab Number: L2438206
Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1944514-2 WG1944514-3									
Aroclor 1016	89		89		40-140	0		50	A
Aroclor 1260	83		83		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		86		30-150	A
Decachlorobiphenyl	107		105		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		89		30-150	B
Decachlorobiphenyl	113		108		30-150	B

METALS

Project Name: 65 TROWBRIDGE-STOCKPILE **Lab Number:** L2438206

Project Number: 0200336-002 **Report Date:** 07/10/24

SAMPLE RESULTS

Lab ID: L2438206-01 Date Collected: 07/08/24 14:00

Client ID: SP02-070824-1400 Date Received: 07/08/24

Sample Location: ROCHESTER, NY Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 07/09/24 06:09

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.0260	J	mg/l	1.00	0.0190	1	07/10/24 09:41	07/10/24 11:06	EPA 3015	1,6010D	TAA
Barium, TCLP	0.505		mg/l	0.500	0.0210	1	07/10/24 09:41	07/10/24 11:06	EPA 3015	1,6010D	TAA
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	07/10/24 09:41	07/10/24 11:06	EPA 3015	1,6010D	TAA
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	07/10/24 09:41	07/10/24 11:06	EPA 3015	1,6010D	TAA
Lead, TCLP	ND		mg/l	0.500	0.0270	1	07/10/24 09:41	07/10/24 11:06	EPA 3015	1,6010D	TAA
Mercury, TCLP	0.0006	J	mg/l	0.0010	0.0005	1	07/10/24 11:16	07/10/24 16:41	EPA 7470A	1,7470A	MJR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	07/10/24 09:41	07/10/24 11:06	EPA 3015	1,6010D	TAA
Silver, TCLP	ND		mg/l	0.100	0.0280	1	07/10/24 09:41	07/10/24 11:06	EPA 3015	1,6010D	TAA

Project Name: 65 TROWBRIDGE-STOCKPILE **Lab Number:** L2438206

Project Number: 0200336-002 **Report Date:** 07/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1945168-1										
Arsenic, TCLP	0.0298	J	mg/l	1.00	0.0190	1	07/10/24 09:41	07/10/24 10:56	1,6010D	TAA
Barium, TCLP	ND		mg/l	0.500	0.0210	1	07/10/24 09:41	07/10/24 10:56	1,6010D	TAA
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	07/10/24 09:41	07/10/24 10:56	1,6010D	TAA
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	07/10/24 09:41	07/10/24 10:56	1,6010D	TAA
Lead, TCLP	ND		mg/l	0.500	0.0270	1	07/10/24 09:41	07/10/24 10:56	1,6010D	TAA
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	07/10/24 09:41	07/10/24 10:56	1,6010D	TAA
Silver, TCLP	ND		mg/l	0.100	0.0280	1	07/10/24 09:41	07/10/24 10:56	1,6010D	TAA

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 07/07/24 22:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1945170-1										
Mercury, TCLP	0.0005	J	mg/l	0.0010	0.0005	1	07/10/24 11:16	07/10/24 16:35	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 07/07/24 22:30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-STOCKPILE

Project Number: 0200336-002

Lab Number: L2438206

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1945168-2								
Arsenic, TCLP	98		-		75-125	-		20
Barium, TCLP	100		-		75-125	-		20
Cadmium, TCLP	95		-		75-125	-		20
Chromium, TCLP	98		-		75-125	-		20
Lead, TCLP	98		-		75-125	-		20
Selenium, TCLP	94		-		75-125	-		20
Silver, TCLP	100		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1945170-2								
Mercury, TCLP	102		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-STOCKPILE
Project Number: 0200336-002

Lab Number: L2438206
Report Date: 07/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1945168-3 QC Sample: L2438206-01 Client ID: SP02-070824-1400												
Arsenic, TCLP	0.0260J	1.2	1.26	105		-	-		75-125	-		20
Barium, TCLP	0.505	20	20.4	99		-	-		75-125	-		20
Cadmium, TCLP	ND	0.53	0.499	94		-	-		75-125	-		20
Chromium, TCLP	ND	2	1.93	96		-	-		75-125	-		20
Lead, TCLP	ND	5.3	5.28	100		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.20	100		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.485	97		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1945170-3 QC Sample: L2438206-01 Client ID: SP02-070824-1400												
Mercury, TCLP	0.0006J	0.025	0.0221	88		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-STOCKPILE
Project Number: 0200336-002

Lab Number: L2438206
Report Date: 07/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1945168-4 QC Sample: L2438206-01 Client ID: SP02-070824-1400						
Arsenic, TCLP	0.0260J	0.0270J	mg/l	NC		20
Barium, TCLP	0.505	0.483J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	0.0312J	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1945170-4 QC Sample: L2438206-01 Client ID: SP02-070824-1400						
Mercury, TCLP	0.0006J	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE-STOCKPILE
Project Number: 0200336-002
Lab Number: L2438206
Report Date: 07/10/24

SAMPLE RESULTS

Lab ID: L2438206-01
Client ID: SP02-070824-1400
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/08/24 14:00
Date Received: 07/08/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	07/09/24 03:17	121,2540G	WJM
pH (H)	8.46		SU	-	NA	1	-	07/09/24 21:49	1,9045D	AAS
Flash Point	>150		deg F	70	NA	1	-	07/09/24 10:50	1,1010A	BAY
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/10/24 11:08	07/10/24 12:52	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/10/24 11:08	07/10/24 13:23	125,7.3	JLB

Project Name: 65 TROWBRIDGE-STOCKPILE **Lab Number:** L2438206

Project Number: 0200336-002 **Report Date:** 07/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1945239-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/10/24 11:08	07/10/24 12:41	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1945241-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/10/24 11:08	07/10/24 13:12	125,7.3	JLB

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-STOCKPILE

Project Number: 0200336-002

Lab Number: L2438206

Report Date: 07/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1944813-1								
Flash Point	102		-		96-104	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1945038-1								
pH	99		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1945239-2								
Cyanide, Reactive	111		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1945241-2								
Sulfide, Reactive	95		-		60-125	-		40

Lab Duplicate Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-STOCKPILE

Project Number: 0200336-002

Lab Number: L2438206

Report Date: 07/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1944607-1 QC Sample: L2438198-01 Client ID: DUP Sample						
Solids, Total	91.0	91.8	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1945038-2 QC Sample: L2438206-01 Client ID: SP02-070824-1400						
pH (H)	8.46	8.24	SU	3		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1945239-3 QC Sample: L2437559-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1945241-3 QC Sample: L2437559-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40

Project Name: 65 TROWBRIDGE-STOCKPILE
Project Number: 0200336-002

Lab Number: L2438206
Report Date: 07/10/24

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(*)
L2438206-01A	Plastic 2oz unpreserved for TS	A	NA		3.3	Y	Absent		TS(7)
L2438206-01B	Vial Large Septa unpreserved (4oz)	A	NA		3.3	Y	Absent		TCLP-EXT-ZHE(14)
L2438206-01C	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		REACTS(14),FLASH(),PH-9045(1),NYTCL-8082(365),REACTCN(14)
L2438206-01D	Glass 500ml/16oz unpreserved	A	NA		3.3	Y	Absent		REACTS(14),FLASH(),PH-9045(1),NYTCL-8082(365),REACTCN(14)
L2438206-01W	Amber 1000ml unpreserved Extracts	A	NA		3.3	Y	Absent		TCLP-8270(14)
L2438206-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.3	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2438206-01X9	Tumble Vessel	A	NA		3.3	Y	Absent		-
L2438206-01Y	Vial unpreserved Extracts	A	NA		3.3	Y	Absent		TCLP-VOA(14)
L2438206-01Z	Vial unpreserved Extracts	A	NA		3.3	Y	Absent		TCLP-VOA(14)

*Values in parentheses indicate holding time in days

Project Name:	65 TROWBRIDGE-STOCKPILE	**Lab Number:**	L2438206
Project Number:	0200336-002	**Report Date:**	07/10/24

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:	65 TROWBRIDGE-STOCKPILE	**Lab Number:**	L2438206
Project Number:	0200336-002	**Report Date:**	07/10/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-STOCKPILE	**Lab Number:**	L2438206
Project Number:	0200336-002	**Report Date:**	07/10/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-STOCKPILE	**Lab Number:**	L2438206
Project Number:	0200336-002	**Report Date:**	07/10/24

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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: 7/9/24

ALPHA Job #: L2438206

Client Information
Client: HgA
Address: 200 Town Centre Dr. Rochester, NY 14623
Phone: 585-359-9000
Fax:
Email: JSzucs@haleyaldrich.com

Project Information
Project Name: 05 TROWBRIDGE - STOCKPILE
Project Location: Rochester, NY
Project # 0200336-002
(Use Project name as Project #)
Project Manager: J. Szucs
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 2day

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

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

Billing Information
☐ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
cc: smckenna@haleyaldrich.com
KBartlett@haleyaldrich.com GWhite@haleyaldrich.com

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCLP VOCs	TCLP SVOCs	TCLP Metals	PCB	Reactive Cyanide & Sulfide	pH	FLASH	TS	Sample Specific Comments	Total Bottle
38206-01	SP02-070824-1400	7/8/24	14:00	SO	KB	X	X	X	X	X	X	X	X		4

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	A	A	A	A	A	A	A	P
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
	7/8/24 14:22	Hagel PACE	7/8/24 1422
Hagel PACE	7/8/24 15:32	R&H, SC	7/8/24 15:32
R&H, SC	7-8-24 18:26	Russell B Bixby	7-8-24 18:26
Russell B Bixby	7-8-24 2020		7-8-24 2020
	7-8-24		7/8/24
	7/9/24 0130		07/09/24 01:30

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:	L2456776
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-GWSE 2024
Project Number:	0200336-005
Report Date:	10/08/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2456776
Report Date: 10/08/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2456776-01	MW3-093024-1120	WATER	ROCHESTER, NY	09/30/24 11:20	10/01/24
L2456776-02	MW2-093024-1350	WATER	ROCHESTER, NY	09/30/24 13:50	10/01/24
L2456776-03	MW7-093024-1430	WATER	ROCHESTER, NY	09/30/24 14:30	10/01/24
L2456776-04	MW4R-093024-1500	WATER	ROCHESTER, NY	09/30/24 15:00	10/01/24
L2456776-05	MW10-100124-1220	WATER	ROCHESTER, NY	10/01/24 12:20	10/01/24
L2456776-06	4444-093024-0001	WATER	ROCHESTER, NY	09/30/24 08:00	10/01/24
L2456776-07	4444-100124-0002	WATER	ROCHESTER, NY	10/01/24 14:30	10/01/24

Project Name:	65 TROWBRIDGE-GWSE 2024	**Lab Number:**	L2456776
Project Number:	0200336-005	**Report Date:**	10/08/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, 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:	65 TROWBRIDGE-GWSE 2024	**Lab Number:**	L2456776
Project Number:	0200336-005	**Report Date:**	10/08/24

Case Narrative (continued)

Report Submission

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

Volatile Organics

The WG1981098-3/-4 LCS/LCSD recoveries, associated with L2456776-01 through -07, are outside the acceptance criteria for for cyclohexane (170%) and methyl cyclohexane (170%/160%), but within the overall method allowances. The results of the associated samples are reported

The WG1981098-3/-4 LCS/LCSD RPD, associated with L2456776-01 through -07, is above the acceptance criteria for 1,4-dioxane (22%).

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

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 10/08/24

ORGANICS

VOLATILES

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-01
Client ID: MW3-093024-1120
Sample Location: ROCHESTER, NY

Date Collected: 09/30/24 11:20
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/05/24 14:36
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	3.0		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	22		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	17		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	3.0		ug/l	2.5	0.70	1
Trichloroethene	25		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-01 Date Collected: 09/30/24 11:20

Client ID: MW3-093024-1120 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	7.0		ug/l	2.5	0.70	1
o-Xylene	16		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	67		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	4.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	13		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	1.4	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	44		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	102		70-130

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-02
Client ID: MW2-093024-1350
Sample Location: ROCHESTER, NY

Date Collected: 09/30/24 13:50
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/05/24 14:58
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	21		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	0.22	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: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-02 Date Collected: 09/30/24 13:50

Client ID: MW2-093024-1350 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.72	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-03
Client ID: MW7-093024-1430
Sample Location: ROCHESTER, NY

Date Collected: 09/30/24 14:30
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/05/24 15:20
Analyst: MJV

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

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-03 Date Collected: 09/30/24 14:30

Client ID: MW7-093024-1430 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-04
Client ID: MW4R-093024-1500
Sample Location: ROCHESTER, NY

Date Collected: 09/30/24 15:00
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/05/24 15:43
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.46	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-04 Date Collected: 09/30/24 15:00

Client ID: MW4R-093024-1500 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-05
Client ID: MW10-100124-1220
Sample Location: ROCHESTER, NY

Date Collected: 10/01/24 12:20
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/05/24 16:05
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.25	J	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	0.82		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	1.4		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-05 Date Collected: 10/01/24 12:20

Client ID: MW10-100124-1220 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-06
Client ID: 4444-093024-0001
Sample Location: ROCHESTER, NY

Date Collected: 09/30/24 08:00
Date Received: 10/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/05/24 13:52
Analyst: MJV

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

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-06 Date Collected: 09/30/24 08:00

Client ID: 4444-093024-0001 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	106		70-130

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-07
Client ID: 4444-100124-0002
Sample Location: ROCHESTER, NY

Date Collected: 10/01/24 14:30
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/05/24 14:14
Analyst: MJV

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

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-07 Date Collected: 10/01/24 14:30

Client ID: 4444-100124-0002 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	108		70-130

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/05/24 12:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1981098-5					
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: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/05/24 12:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1981098-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/05/24 12:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1981098-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2456776

Report Date: 10/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1981098-3 WG1981098-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	120		110		70-130	9		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		99		63-132	11		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	90		87		63-130	3		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	110		97		62-150	13		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	99		95		67-130	4		20
trans-1,3-Dichloropropene	98		94		70-130	4		20
cis-1,3-Dichloropropene	96		92		70-130	4		20
Bromoform	79		75		54-136	5		20
1,1,2,2-Tetrachloroethane	95		93		67-130	2		20
Benzene	110		100		70-130	10		20
Toluene	110		110		70-130	0		20
Ethylbenzene	120		110		70-130	9		20
Chloromethane	100		100		64-130	0		20
Bromomethane	63		63		39-139	0		20
Vinyl chloride	100		94		55-140	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2456776

Report Date: 10/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1981098-3 WG1981098-4								
Chloroethane	100		97		55-138	3		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		98		70-130	2		20
1,2-Dichlorobenzene	98		93		70-130	5		20
1,3-Dichlorobenzene	100		98		70-130	2		20
1,4-Dichlorobenzene	100		96		70-130	4		20
Methyl tert butyl ether	89		89		63-130	0		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	110		100		70-130	10		20
cis-1,2-Dichloroethene	100		98		70-130	2		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	94		87		36-147	8		20
Acetone	96		98		58-148	2		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	96		85		63-138	12		20
4-Methyl-2-pentanone	75		82		59-130	9		20
2-Hexanone	81		84		57-130	4		20
Bromochloromethane	95		92		70-130	3		20
1,2-Dibromoethane	96		93		70-130	3		20
1,2-Dibromo-3-chloropropane	75		73		41-144	3		20
Isopropylbenzene	120		110		70-130	9		20
1,2,3-Trichlorobenzene	89		86		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2456776

Report Date: 10/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1981098-3 WG1981098-4								
1,2,4-Trichlorobenzene	92		89		70-130	3		20
Methyl Acetate	94		96		70-130	2		20
Cyclohexane	**170**	Q	**170**	Q	70-130	0		20
1,4-Dioxane	72		58		56-162	**22**	Q	20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	**170**	Q	**160**	Q	70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		100		70-130
Toluene-d8	109		110		70-130
4-Bromofluorobenzene	100		102		70-130
Dibromofluoromethane	98		97		70-130

SEMIVOLATILES

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-01
Client ID: MW3-093024-1120
Sample Location: ROCHESTER, NY

Date Collected: 09/30/24 11:20
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/05/24 16:17
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/24 00:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	2.4		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-01 Date Collected: 09/30/24 11:20

Client ID: MW3-093024-1120 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	39		10-120
4-Terphenyl-d14	57		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-01
Client ID: MW3-093024-1120
Sample Location: ROCHESTER, NY

Date Collected: 09/30/24 11:20
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/06/24 17:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/04/24 23:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	13		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.51		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	19		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.04	J	ug/l	0.10	0.03	1
Acenaphthylene	8.8		ug/l	0.10	0.02	1
Anthracene	0.35		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.04	J	ug/l	0.10	0.02	1
Fluorene	2.4		ug/l	0.10	0.03	1
Phenanthrene	0.24		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.04	J	ug/l	0.10	0.02	1
Pyrene	0.85		ug/l	0.10	0.04	1
2-Methylnaphthalene	1.4		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-01 Date Collected: 09/30/24 11:20

Client ID: MW3-093024-1120 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

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	35		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	70		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-02
Client ID: MW2-093024-1350
Sample Location: ROCHESTER, NY

Date Collected: 09/30/24 13:50
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/05/24 16:42
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/24 00:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-02 Date Collected: 09/30/24 13:50

Client ID: MW2-093024-1350 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	0.87	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	12.		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	29		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	34		10-120
4-Terphenyl-d14	60		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-02
Client ID: MW2-093024-1350
Sample Location: ROCHESTER, NY

Date Collected: 09/30/24 13:50
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/06/24 17:18
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/04/24 23:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.2		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.37		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	16		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	0.06	J	ug/l	0.10	0.02	1
Anthracene	0.08	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.66		ug/l	0.10	0.03	1
Phenanthrene	0.27		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.29		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.48		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-02 Date Collected: 09/30/24 13:50

Client ID: MW2-093024-1350 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

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	31		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	70		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-03
Client ID: MW7-093024-1430
Sample Location: ROCHESTER, NY

Date Collected: 09/30/24 14:30
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/05/24 17:07
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/24 00:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-03 Date Collected: 09/30/24 14:30

Client ID: MW7-093024-1430 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	3.1	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	54		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-03
Client ID: MW7-093024-1430
Sample Location: ROCHESTER, NY

Date Collected: 09/30/24 14:30
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/06/24 17:35
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/04/24 23:21

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

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-03 Date Collected: 09/30/24 14:30

Client ID: MW7-093024-1430 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

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	41		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	66		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-04
Client ID: MW4R-093024-1500
Sample Location: ROCHESTER, NY

Date Collected: 09/30/24 15:00
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/05/24 17:32
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/24 00:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	0.98	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-04 Date Collected: 09/30/24 15:00

Client ID: MW4R-093024-1500 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	0.75	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	54		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-04
Client ID: MW4R-093024-1500
Sample Location: ROCHESTER, NY

Date Collected: 09/30/24 15:00
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/06/24 17:51
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/04/24 23:21

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

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-04 Date Collected: 09/30/24 15:00

Client ID: MW4R-093024-1500 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

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	41		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	68		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-05
Client ID: MW10-100124-1220
Sample Location: ROCHESTER, NY

Date Collected: 10/01/24 12:20
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/05/24 17:58
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/05/24 00:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	2.3	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	2.4		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-05 Date Collected: 10/01/24 12:20

Client ID: MW10-100124-1220 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	53.		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	40		10-120
4-Terphenyl-d14	50		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-05
Client ID: MW10-100124-1220
Sample Location: ROCHESTER, NY

Date Collected: 10/01/24 12:20
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/06/24 18:08
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/04/24 23:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	7.3		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.42		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.81		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.14		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.12		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	0.90		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.09	J	ug/l	0.10	0.02	1
Fluorene	6.5		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	1.1		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	10		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-05 Date Collected: 10/01/24 12:20

Client ID: MW10-100124-1220 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

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	38		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	57		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-07
Client ID: 4444-100124-0002
Sample Location: ROCHESTER, NY

Date Collected: 10/01/24 14:30
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/06/24 21:26
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 10/05/24 00:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-07 Date Collected: 10/01/24 14:30

Client ID: 4444-100124-0002 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	64		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-07
Client ID: 4444-100124-0002
Sample Location: ROCHESTER, NY

Date Collected: 10/01/24 14:30
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/06/24 18:25
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/04/24 23:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.12	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-07 Date Collected: 10/01/24 14:30

Client ID: 4444-100124-0002 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

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	28		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	69		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/05/24 08:15
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 10/04/24 23:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,07 Batch: WG1980389-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/05/24 08:15
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 10/04/24 23:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05,07 Batch: WG1980389-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	45		10-120
4-Terphenyl-d14	49		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/05/24 13:50
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/04/24 23:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-05,07 Batch: WG1980392-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	0.02	J	ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.03
Pentachlorophenol	0.14	J	ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/05/24 13:50
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/04/24 23:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-05,07 Batch: WG1980392-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	77		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2456776
Report Date: 10/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,07 Batch: WG1980389-2 WG1980389-3								
Bis(2-chloroethyl)ether	61		73		40-140	18		30
3,3'-Dichlorobenzidine	55		61		40-140	10		30
2,4-Dinitrotoluene	70		74		48-143	6		30
2,6-Dinitrotoluene	73		82		40-140	12		30
4-Chlorophenyl phenyl ether	64		75		40-140	16		30
4-Bromophenyl phenyl ether	64		72		40-140	12		30
Bis(2-chloroisopropyl)ether	79		90		40-140	13		30
Bis(2-chloroethoxy)methane	68		78		40-140	14		30
Hexachlorocyclopentadiene	48		51		40-140	6		30
Isophorone	72		82		40-140	13		30
Nitrobenzene	68		79		40-140	15		30
NDPA/DPA	66		76		40-140	14		30
n-Nitrosodi-n-propylamine	72		80		29-132	11		30
Bis(2-ethylhexyl)phthalate	86		96		40-140	11		30
Butyl benzyl phthalate	87		96		40-140	10		30
Di-n-butylphthalate	87		93		40-140	7		30
Di-n-octylphthalate	91		100		40-140	9		30
Diethyl phthalate	79		88		40-140	11		30
Dimethyl phthalate	71		79		40-140	11		30
Biphenyl	57		64		40-140	12		30
4-Chloroaniline	68		72		40-140	6		30
2-Nitroaniline	74		80		52-143	8		30
3-Nitroaniline	64		73		25-145	13		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2456776

Report Date: 10/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,07 Batch: WG1980389-2 WG1980389-3								
4-Nitroaniline	66		79		51-143	18		30
Dibenzofuran	63		72		40-140	13		30
1,2,4,5-Tetrachlorobenzene	58		63		2-134	8		30
Acetophenone	63		72		39-129	13		30
2,4,6-Trichlorophenol	76		80		30-130	5		30
p-Chloro-m-cresol	76		85		23-97	11		30
2-Chlorophenol	62		70		27-123	12		30
2,4-Dichlorophenol	68		74		30-130	8		30
2,4-Dimethylphenol	60		71		30-130	17		30
2-Nitrophenol	66		73		30-130	10		30
4-Nitrophenol	47		54		10-80	14		30
2,4-Dinitrophenol	94		96		20-130	2		30
4,6-Dinitro-o-cresol	84		88		20-164	5		30
Phenol	34		40		12-110	16		30
2-Methylphenol	60		70		30-130	15		30
3-Methylphenol/4-Methylphenol	58		68		30-130	16		30
2,4,5-Trichlorophenol	75		82		30-130	9		30
Carbazole	66		75		55-144	13		30
Atrazine	81		96		40-140	17		30
Benzaldehyde	54		62		40-140	14		30
Caprolactam	50		53		10-130	6		30
2,3,4,6-Tetrachlorophenol	75		85		40-140	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2456776
Report Date: 10/08/24

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05,07 Batch: WG1980389-2 WG1980389-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	44		52		21-120
Phenol-d6	30		36		10-120
Nitrobenzene-d5	61		69		23-120
2-Fluorobiphenyl	57		64		15-120
2,4,6-Tribromophenol	49		54		10-120
4-Terphenyl-d14	52		61		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2456776
Report Date: 10/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05,07 Batch: WG1980392-2 WG1980392-3								
Acenaphthene	83		86		40-140	4		40
2-Chloronaphthalene	82		85		40-140	4		40
Fluoranthene	86		87		40-140	1		40
Hexachlorobutadiene	75		75		40-140	0		40
Naphthalene	75		78		40-140	4		40
Benzo(a)anthracene	94		96		40-140	2		40
Benzo(a)pyrene	98		99		40-140	1		40
Benzo(b)fluoranthene	97		96		40-140	1		40
Benzo(k)fluoranthene	93		96		40-140	3		40
Chrysene	92		94		40-140	2		40
Acenaphthylene	88		90		40-140	2		40
Anthracene	88		90		40-140	2		40
Benzo(ghi)perylene	93		95		40-140	2		40
Fluorene	86		88		40-140	2		40
Phenanthrene	85		85		40-140	0		40
Dibenzo(a,h)anthracene	98		101		40-140	3		40
Indeno(1,2,3-cd)pyrene	103		106		40-140	3		40
Pyrene	85		86		40-140	1		40
2-Methylnaphthalene	83		86		40-140	4		40
Pentachlorophenol	97		96		40-140	1		40
Hexachlorobenzene	85		86		40-140	1		40
Hexachloroethane	76		76		40-140	0		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2456776
Report Date: 10/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05,07 Batch: WG1980392-2 WG1980392-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		56		21-120
Phenol-d6	43		44		10-120
Nitrobenzene-d5	83		86		23-120
2-Fluorobiphenyl	76		77		15-120
2,4,6-Tribromophenol	87		86		10-120
4-Terphenyl-d14	72		74		41-149

METALS

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-01 Date Collected: 09/30/24 11:20

Client ID: MW3-093024-1120 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.412		mg/l	0.0100	0.00327	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Antimony, Total	0.00088	J	mg/l	0.00400	0.00042	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00545		mg/l	0.00050	0.00016	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Barium, Total	0.2408		mg/l	0.00050	0.00017	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Calcium, Total	134.		mg/l	0.100	0.0394	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Chromium, Total	0.00109		mg/l	0.00100	0.00017	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.00182		mg/l	0.00050	0.00016	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Copper, Total	0.00299		mg/l	0.00200	0.00038	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Iron, Total	10.2		mg/l	0.0500	0.0191	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Lead, Total	0.00885		mg/l	0.00100	0.00034	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Magnesium, Total	33.6		mg/l	0.0700	0.0242	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Manganese, Total	0.2114		mg/l	0.00100	0.00044	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/07/24 15:47	10/08/24 14:00	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00263		mg/l	0.00200	0.00055	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Potassium, Total	9.81		mg/l	0.100	0.0309	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Sodium, Total	43.1		mg/l	0.100	0.0293	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Zinc, Total	0.00868	J	mg/l	0.01000	0.00341	1	10/06/24 18:35	10/08/24 13:02	EPA 3005A	1,6020B	SMV
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0124		mg/l	0.0100	0.00327	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Antimony, Dissolved	0.00068	J	mg/l	0.00400	0.00042	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Arsenic, Dissolved	0.00183		mg/l	0.00050	0.00016	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Barium, Dissolved	0.2238		mg/l	0.00050	0.00017	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-01 Date Collected: 09/30/24 11:20

Client ID: MW3-093024-1120 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Calcium, Dissolved	141.		mg/l	0.100	0.0394	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Chromium, Dissolved	0.00024	J	mg/l	0.00100	0.00017	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Cobalt, Dissolved	0.00042	J	mg/l	0.00050	0.00016	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Copper, Dissolved	0.00051	J	mg/l	0.00100	0.00038	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Iron, Dissolved	2.53		mg/l	0.0500	0.0191	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Magnesium, Dissolved	34.8		mg/l	0.0700	0.0242	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Manganese, Dissolved	0.1748		mg/l	0.00100	0.00044	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/04/24 03:08	10/05/24 16:19	EPA 7470A	1,7470A	DJR
Nickel, Dissolved	0.00155	J	mg/l	0.00200	0.00055	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Potassium, Dissolved	11.2		mg/l	0.100	0.0309	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Sodium, Dissolved	40.0		mg/l	0.100	0.0293	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV
Zinc, Dissolved	0.00431	J	mg/l	0.01000	0.00341	1	10/04/24 01:30	10/08/24 14:42	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-02 Date Collected: 09/30/24 13:50

Client ID: MW2-093024-1350 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0164		mg/l	0.0100	0.00327	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00508		mg/l	0.00050	0.00016	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Barium, Total	0.1436		mg/l	0.00050	0.00017	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Calcium, Total	108.		mg/l	0.100	0.0394	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Chromium, Total	0.00040	J	mg/l	0.00100	0.00017	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.00021	J	mg/l	0.00050	0.00016	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Copper, Total	0.00049	J	mg/l	0.00200	0.00038	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Iron, Total	5.47		mg/l	0.0500	0.0191	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Lead, Total	0.00034	J	mg/l	0.00100	0.00034	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Magnesium, Total	51.0		mg/l	0.0700	0.0242	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Manganese, Total	0.8481		mg/l	0.00100	0.00044	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/07/24 15:47	10/08/24 14:04	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Potassium, Total	16.1		mg/l	0.100	0.0309	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Sodium, Total	38.6		mg/l	0.100	0.0293	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/06/24 18:35	10/08/24 13:08	EPA 3005A	1,6020B	SMV
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00389	J	mg/l	0.0100	0.00327	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Arsenic, Dissolved	0.00471		mg/l	0.00050	0.00016	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Barium, Dissolved	0.1345		mg/l	0.00050	0.00017	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-02 Date Collected: 09/30/24 13:50

Client ID: MW2-093024-1350 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Calcium, Dissolved	99.3		mg/l	0.100	0.0394	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Chromium, Dissolved	0.00029	J	mg/l	0.00100	0.00017	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Cobalt, Dissolved	0.00018	J	mg/l	0.00050	0.00016	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Iron, Dissolved	4.63		mg/l	0.0500	0.0191	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Magnesium, Dissolved	44.4		mg/l	0.0700	0.0242	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Manganese, Dissolved	0.7734		mg/l	0.00100	0.00044	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/04/24 03:08	10/05/24 16:53	EPA 7470A	1,7470A	DJR
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Potassium, Dissolved	15.4		mg/l	0.100	0.0309	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Sodium, Dissolved	35.6		mg/l	0.100	0.0293	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/04/24 01:30	10/08/24 14:49	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-03 Date Collected: 09/30/24 14:30

Client ID: MW7-093024-1430 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.255		mg/l	0.0100	0.00327	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Antimony, Total	0.00059	J	mg/l	0.00400	0.00042	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00094		mg/l	0.00050	0.00016	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Barium, Total	0.07562		mg/l	0.00050	0.00017	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Cadmium, Total	0.00011	J	mg/l	0.00020	0.00005	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Calcium, Total	132.		mg/l	0.100	0.0394	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Chromium, Total	0.00192		mg/l	0.00100	0.00017	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.00067		mg/l	0.00050	0.00016	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Copper, Total	0.00357		mg/l	0.00200	0.00038	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Iron, Total	0.877		mg/l	0.0500	0.0191	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Lead, Total	0.00159		mg/l	0.00100	0.00034	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Magnesium, Total	22.0		mg/l	0.0700	0.0242	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Manganese, Total	3.347		mg/l	0.00100	0.00044	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/07/24 15:47	10/08/24 14:07	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00471		mg/l	0.00200	0.00055	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Potassium, Total	10.3		mg/l	0.100	0.0309	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Sodium, Total	12.0		mg/l	0.100	0.0293	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Zinc, Total	0.06476		mg/l	0.01000	0.00341	1	10/06/24 18:35	10/08/24 13:15	EPA 3005A	1,6020B	SMV
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00478	J	mg/l	0.0100	0.00327	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Antimony, Dissolved	0.00052	J	mg/l	0.00400	0.00042	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Arsenic, Dissolved	0.00056		mg/l	0.00050	0.00016	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Barium, Dissolved	0.01865		mg/l	0.00050	0.00017	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-03 Date Collected: 09/30/24 14:30

Client ID: MW7-093024-1430 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Calcium, Dissolved	128.		mg/l	0.100	0.0394	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Chromium, Dissolved	0.00080	J	mg/l	0.00100	0.00017	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Copper, Dissolved	0.00098	J	mg/l	0.00100	0.00038	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Magnesium, Dissolved	20.0		mg/l	0.0700	0.0242	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Manganese, Dissolved	0.00628		mg/l	0.00100	0.00044	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/04/24 03:08	10/05/24 16:56	EPA 7470A	1,7470A	DJR
Nickel, Dissolved	0.00066	J	mg/l	0.00200	0.00055	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Potassium, Dissolved	10.3		mg/l	0.100	0.0309	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Sodium, Dissolved	11.6		mg/l	0.100	0.0293	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV
Zinc, Dissolved	0.00963	J	mg/l	0.01000	0.00341	1	10/04/24 01:30	10/08/24 15:23	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-04 Date Collected: 09/30/24 15:00

Client ID: MW4R-093024-1500 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1.81		mg/l	0.0100	0.00327	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00264		mg/l	0.00050	0.00016	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Barium, Total	0.2282		mg/l	0.00050	0.00017	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Calcium, Total	244.		mg/l	0.100	0.0394	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Chromium, Total	0.00705		mg/l	0.00100	0.00017	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.00176		mg/l	0.00050	0.00016	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Copper, Total	0.00850		mg/l	0.00200	0.00038	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Iron, Total	7.90		mg/l	0.0500	0.0191	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Lead, Total	0.00485		mg/l	0.00100	0.00034	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Magnesium, Total	46.3		mg/l	0.0700	0.0242	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Manganese, Total	0.8683		mg/l	0.00100	0.00044	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/07/24 15:47	10/08/24 14:10	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00655		mg/l	0.00200	0.00055	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Potassium, Total	13.9		mg/l	0.100	0.0309	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Sodium, Total	17.9		mg/l	0.100	0.0293	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Vanadium, Total	0.00497	J	mg/l	0.00500	0.00157	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Zinc, Total	0.02973		mg/l	0.01000	0.00341	1	10/06/24 18:35	10/08/24 13:21	EPA 3005A	1,6020B	SMV
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0298		mg/l	0.0100	0.00327	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Arsenic, Dissolved	0.00120		mg/l	0.00050	0.00016	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Barium, Dissolved	0.1926		mg/l	0.00050	0.00017	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-04 Date Collected: 09/30/24 15:00

Client ID: MW4R-093024-1500 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Calcium, Dissolved	226.		mg/l	0.100	0.0394	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Chromium, Dissolved	0.00059	J	mg/l	0.00100	0.00017	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Cobalt, Dissolved	0.00108		mg/l	0.00050	0.00016	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Copper, Dissolved	0.00068	J	mg/l	0.00100	0.00038	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Iron, Dissolved	2.82		mg/l	0.0500	0.0191	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Magnesium, Dissolved	44.5		mg/l	0.0700	0.0242	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Manganese, Dissolved	0.7803		mg/l	0.00100	0.00044	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/04/24 03:08	10/05/24 16:59	EPA 7470A	1,7470A	DJR
Nickel, Dissolved	0.00355		mg/l	0.00200	0.00055	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Potassium, Dissolved	13.3		mg/l	0.100	0.0309	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Sodium, Dissolved	17.2		mg/l	0.100	0.0293	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV
Zinc, Dissolved	0.00852	J	mg/l	0.01000	0.00341	1	10/04/24 01:30	10/08/24 15:29	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-05 Date Collected: 10/01/24 12:20

Client ID: MW10-100124-1220 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4.13		mg/l	0.0100	0.00327	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Antimony, Total	0.00059	J	mg/l	0.00400	0.00042	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00327		mg/l	0.00050	0.00016	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Barium, Total	0.5862		mg/l	0.00050	0.00017	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Beryllium, Total	0.00024	J	mg/l	0.00050	0.00010	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Cadmium, Total	0.00011	J	mg/l	0.00020	0.00005	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Calcium, Total	234.		mg/l	0.100	0.0394	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Chromium, Total	0.01414		mg/l	0.00100	0.00017	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.00307		mg/l	0.00050	0.00016	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Copper, Total	0.01866		mg/l	0.00200	0.00038	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Iron, Total	9.08		mg/l	0.0500	0.0191	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Lead, Total	0.02311		mg/l	0.00100	0.00034	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Magnesium, Total	36.5		mg/l	0.0700	0.0242	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Manganese, Total	0.7222		mg/l	0.00100	0.00044	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Mercury, Total	0.00010	J	mg/l	0.00020	0.00009	1	10/07/24 15:47	10/08/24 14:26	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00814		mg/l	0.00200	0.00055	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Potassium, Total	11.6		mg/l	0.100	0.0309	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Selenium, Total	0.00453	J	mg/l	0.00500	0.00173	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Sodium, Total	244.		mg/l	0.100	0.0293	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Vanadium, Total	0.00979		mg/l	0.00500	0.00157	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Zinc, Total	0.03823		mg/l	0.01000	0.00341	1	10/06/24 18:35	10/08/24 13:27	EPA 3005A	1,6020B	SMV
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0144		mg/l	0.0100	0.00327	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Antimony, Dissolved	0.00075	J	mg/l	0.00400	0.00042	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Arsenic, Dissolved	0.00176		mg/l	0.00050	0.00016	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Barium, Dissolved	0.5041		mg/l	0.00050	0.00017	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-05 Date Collected: 10/01/24 12:20

Client ID: MW10-100124-1220 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Calcium, Dissolved	197.		mg/l	0.100	0.0394	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Chromium, Dissolved	0.00036	J	mg/l	0.00100	0.00017	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Iron, Dissolved	0.952		mg/l	0.0500	0.0191	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Magnesium, Dissolved	24.8		mg/l	0.0700	0.0242	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Manganese, Dissolved	0.4299		mg/l	0.00100	0.00044	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/04/24 03:08	10/05/24 17:02	EPA 7470A	1,7470A	DJR
Nickel, Dissolved	0.00060	J	mg/l	0.00200	0.00055	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Potassium, Dissolved	11.1		mg/l	0.100	0.0309	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Sodium, Dissolved	239.		mg/l	0.100	0.0293	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV
Zinc, Dissolved	0.00365	J	mg/l	0.01000	0.00341	1	10/04/24 01:30	10/08/24 15:35	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-07 Date Collected: 10/01/24 14:30

Client ID: 4444-100124-0002 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00341	J	mg/l	0.0100	0.00327	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00020	J	mg/l	0.00050	0.00016	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Calcium, Total	0.377		mg/l	0.100	0.0394	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Chromium, Total	0.00023	J	mg/l	0.00100	0.00017	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Copper, Total	0.00675		mg/l	0.00200	0.00038	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/07/24 15:47	10/08/24 14:29	EPA 7470A	1,7470A	MJR
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Potassium, Total	0.0309	J	mg/l	0.100	0.0309	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Sodium, Total	0.177		mg/l	0.100	0.0293	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/06/24 18:35	10/08/24 13:33	EPA 3005A	1,6020B	SMV
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Arsenic, Dissolved	0.00017	J	mg/l	0.00050	0.00016	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Barium, Dissolved	0.00040	J	mg/l	0.00050	0.00017	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-07 Date Collected: 10/01/24 14:30

Client ID: 4444-100124-0002 Date Received: 10/01/24

Sample Location: ROCHESTER, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Mercury, Dissolved	0.00026		mg/l	0.00020	0.00009	1	10/04/24 03:08	10/05/24 17:06	EPA 7470A	1,7470A	DJR
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Sodium, Dissolved	0.0926	J	mg/l	0.100	0.0293	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/04/24 01:30	10/08/24 15:48	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-05,07 Batch: WG1979937-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Antimony, Dissolved	0.00068	J	mg/l	0.00400	0.00042	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Arsenic, Dissolved	0.00017	J	mg/l	0.00050	0.00016	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Sodium, Dissolved	0.0549	J	mg/l	0.100	0.0293	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/04/24 01:30	10/08/24 13:53	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-05,07 Batch: WG1979939-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/04/24 03:08	10/04/24 08:49	1,7470A	JWN

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05,07 Batch: WG1980711-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Barium, Total	0.00018	J	mg/l	0.00050	0.00017	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Copper, Total	0.00119	J	mg/l	0.00200	0.00038	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/06/24 18:35	10/08/24 09:50	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05,07 Batch: WG1980749-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/07/24 15:47	10/08/24 12:54	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2456776

Report Date: 10/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05,07 Batch: WG1979937-2								
Aluminum, Dissolved	106		-		80-120	-		
Antimony, Dissolved	87		-		80-120	-		
Arsenic, Dissolved	102		-		80-120	-		
Barium, Dissolved	104		-		80-120	-		
Beryllium, Dissolved	107		-		80-120	-		
Cadmium, Dissolved	99		-		80-120	-		
Calcium, Dissolved	88		-		80-120	-		
Chromium, Dissolved	95		-		80-120	-		
Cobalt, Dissolved	98		-		80-120	-		
Copper, Dissolved	100		-		80-120	-		
Iron, Dissolved	110		-		80-120	-		
Lead, Dissolved	101		-		80-120	-		
Magnesium, Dissolved	102		-		80-120	-		
Manganese, Dissolved	104		-		80-120	-		
Nickel, Dissolved	97		-		80-120	-		
Potassium, Dissolved	99		-		80-120	-		
Selenium, Dissolved	100		-		80-120	-		
Silver, Dissolved	98		-		80-120	-		
Sodium, Dissolved	107		-		80-120	-		
Thallium, Dissolved	100		-		80-120	-		
Vanadium, Dissolved	102		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2456776

Report Date: 10/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05,07 Batch: WG1979937-2					
Zinc, Dissolved	102	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05,07 Batch: WG1979939-2					
Mercury, Dissolved	101	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2456776

Report Date: 10/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,07 Batch: WG1980711-2					
Aluminum, Total	98	-	80-120	-	
Antimony, Total	86	-	80-120	-	
Arsenic, Total	100	-	80-120	-	
Barium, Total	101	-	80-120	-	
Beryllium, Total	105	-	80-120	-	
Cadmium, Total	98	-	80-120	-	
Calcium, Total	98	-	80-120	-	
Chromium, Total	96	-	80-120	-	
Cobalt, Total	97	-	80-120	-	
Copper, Total	98	-	80-120	-	
Iron, Total	101	-	80-120	-	
Lead, Total	102	-	80-120	-	
Magnesium, Total	95	-	80-120	-	
Manganese, Total	100	-	80-120	-	
Nickel, Total	98	-	80-120	-	
Potassium, Total	101	-	80-120	-	
Selenium, Total	94	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	99	-	80-120	-	
Thallium, Total	102	-	80-120	-	
Vanadium, Total	101	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2456776

Report Date: 10/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,07 Batch: WG1980711-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05,07 Batch: WG1980749-2					
Mercury, Total	117	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2456776
Report Date: 10/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05,07 QC Batch ID: WG1979937-7 WG1979937-8 QC Sample: L2456731-02 Client ID: MS Sample												
Aluminum, Dissolved	0.00614J	2	2.12	106		2.21	110		75-125	4		20
Antimony, Dissolved	0.00182J	0.5	0.5081	102		0.5312	106		75-125	4		20
Arsenic, Dissolved	0.00030J	0.12	0.1253	104		0.1277	106		75-125	2		20
Barium, Dissolved	0.00865	2	2.092	104		2.183	109		75-125	4		20
Beryllium, Dissolved	ND	0.05	0.05305	106		0.05377	108		75-125	1		20
Cadmium, Dissolved	ND	0.053	0.05156	97		0.05475	103		75-125	6		20
Calcium, Dissolved	94.9	10	105	101		106	111		75-125	1		20
Chromium, Dissolved	0.00172	0.2	0.1967	97		0.2005	99		75-125	2		20
Cobalt, Dissolved	ND	0.5	0.5003	100		0.5143	103		75-125	3		20
Copper, Dissolved	ND	0.25	0.2461	98		0.2494	100		75-125	1		20
Iron, Dissolved	ND	1	1.04	104		1.16	116		75-125	11		20
Lead, Dissolved	ND	0.53	0.5353	101		0.5657	107		75-125	6		20
Magnesium, Dissolved	41.9	10	55.0	**131**	Q	57.7	**158**	Q	75-125	5		20
Manganese, Dissolved	0.01139	0.5	0.5494	108		0.5644	111		75-125	3		20
Nickel, Dissolved	ND	0.5	0.4991	100		0.5069	101		75-125	2		20
Potassium, Dissolved	9.29	10	19.6	103		20.1	108		75-125	3		20
Selenium, Dissolved	0.00265J	0.12	0.114	95		0.120	100		75-125	5		20
Silver, Dissolved	ND	0.05	0.05054	101		0.05086	102		75-125	1		20
Sodium, Dissolved	41.6	10	54.1	125		56.0	**144**	Q	75-125	3		20
Thallium, Dissolved	ND	0.12	0.1230	102		0.1258	105		75-125	2		20
Vanadium, Dissolved	ND	0.5	0.5306	106		0.5413	108		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2456776
Report Date: 10/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05,07 QC Batch ID: WG1979937-7 WG1979937-8 QC Sample: L2456731-02 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.5067	101	0.5183	104	75-125	2	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05,07 QC Batch ID: WG1979939-3 WG1979939-4 QC Sample: L2456731-02 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00493	99	0.00493	99	75-125	0	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2456776
Report Date: 10/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,07 QC Batch ID: WG1980711-3 WG1980711-4 QC Sample: L2456731-02 Client ID: MS Sample											
Aluminum, Total	0.0238	2	2.10	104		2.12	105		75-125	1	20
Antimony, Total	ND	0.5	0.4402	88		0.4617	92		75-125	5	20
Arsenic, Total	0.00029J	0.12	0.1239	103		0.1237	103		75-125	0	20
Barium, Total	0.00894	2	2.081	104		2.090	104		75-125	0	20
Beryllium, Total	ND	0.05	0.05298	106		0.05376	108		75-125	1	20
Cadmium, Total	ND	0.053	0.05327	100		0.05327	100		75-125	0	20
Calcium, Total	92.9	10	110	**171**	Q	105	121		75-125	5	20
Chromium, Total	0.00173	0.2	0.1974	98		0.1978	98		75-125	0	20
Cobalt, Total	ND	0.5	0.5215	104		0.5204	104		75-125	0	20
Copper, Total	0.00049J	0.25	0.2613	104		0.2545	102		75-125	3	20
Iron, Total	0.0694	1	1.13	106		1.11	104		75-125	2	20
Lead, Total	ND	0.53	0.5564	105		0.5427	102		75-125	2	20
Magnesium, Total	42.8	10	57.7	**149**	Q	56.5	**137**	Q	75-125	2	20
Manganese, Total	0.03317	0.5	0.5789	109		0.5697	107		75-125	2	20
Nickel, Total	ND	0.5	0.5151	103		0.5093	102		75-125	1	20
Potassium, Total	8.96	10	19.6	106		19.8	108		75-125	1	20
Selenium, Total	0.00274J	0.12	0.115	96		0.122	102		75-125	6	20
Silver, Total	ND	0.05	0.05111	102		0.05139	103		75-125	1	20
Sodium, Total	41.8	10	57.9	**161**	Q	56.3	**145**	Q	75-125	3	20
Thallium, Total	ND	0.12	0.1276	106		0.1234	103		75-125	3	20
Vanadium, Total	ND	0.5	0.5427	108		0.5480	110		75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2456776
Report Date: 10/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,07 QC Batch ID: WG1980711-3 WG1980711-4 QC Sample: L2456731-02 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5101	102	0.5127	102	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-05,07 QC Batch ID: WG1980749-3 WG1980749-4 QC Sample: L2456731-02 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00547	109	0.00513	103	75-125	6	20

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2456776
Report Date: 10/08/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05,07 QC Batch ID: WG1979937-10 QC Sample: L2456731-02 Client ID: DUP Sample						
Calcium, Dissolved	94.9	96.6	mg/l	2		20
Magnesium, Dissolved	41.9	45.4	mg/l	8		20
Potassium, Dissolved	9.29	9.62	mg/l	4		20
Sodium, Dissolved	41.6	43.9	mg/l	6		20
Total Metals - Mansfield Lab Associated sample(s): 01-05,07 QC Batch ID: WG1980711-6 QC Sample: L2456731-02 Client ID: DUP Sample						
Calcium, Total	92.9	101.	mg/l	9		20
Magnesium, Total	42.8	47.3	mg/l	11		20
Manganese, Total	0.03317	0.03364	mg/l	1		20
Potassium, Total	8.96	9.66	mg/l	8		20
Sodium, Total	41.8	46.8	mg/l	12		20

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2456776
Report Date: 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-01
Client ID: MW3-093024-1120
Sample Location: ROCHESTER, NY

Date Collected: 09/30/24 11:20
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	10/02/24 20:10	10/03/24 11:48	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005
Lab Number: L2456776
Report Date: 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-02
Client ID: MW2-093024-1350
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Water

Date Collected: 09/30/24 13:50
Date Received: 10/01/24
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/02/24 20:10	10/03/24 11:49	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005
Lab Number: L2456776
Report Date: 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-03
Client ID: MW7-093024-1430
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Water
Date Collected: 09/30/24 14:30
Date Received: 10/01/24
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/02/24 20:10	10/03/24 11:50	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2456776
Report Date: 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-04
Client ID: MW4R-093024-1500
Sample Location: ROCHESTER, NY

Date Collected: 09/30/24 15:00
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/02/24 20:10	10/03/24 11:51	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2456776
Report Date: 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-05
Client ID: MW10-100124-1220
Sample Location: ROCHESTER, NY

Date Collected: 10/01/24 12:20
Date Received: 10/01/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/02/24 20:10	10/03/24 11:52	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005
Lab Number: L2456776
Report Date: 10/08/24

SAMPLE RESULTS

Lab ID: L2456776-07
Client ID: 4444-100124-0002
Sample Location: ROCHESTER, NY
Sample Depth:
Matrix: Water

Date Collected: 10/01/24 14:30
Date Received: 10/01/24
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/02/24 20:10	10/03/24 12:37	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2456776

Project Number: 0200336-005 **Report Date:** 10/08/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-05,07 Batch: WG1979370-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/02/24 20:10	10/03/24 11:36	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2456776

Report Date: 10/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-05,07		Batch: WG1979370-2		WG1979370-3			
Cyanide, Total	94		100		85-115	6		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2456776
Report Date: 10/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05,07 QC Batch ID: WG1979370-4 WG1979370-5 QC Sample: L2456240-02 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.207	104		0.208	104		80-120	0		20

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2456776
Report Date: 10/08/24

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(*)
L2456776-01A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-01B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-01C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-01D	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2456776-01E	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		K-6020S(180),V-6020S(180),CU-6020S(180),SE-6020S(180),MN-6020S(180),CO-6020S(180),ZN-6020S(180),BE-6020S(180),MG-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),PB-6020S(180),TL-6020S(180),NA-6020S(180),NI-6020S(180),BA-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2456776-01F	Plastic 250ml NaOH preserved	A	>12	>12	2.5	Y	Absent		TCN-9010(14)
L2456776-01G	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2456776-01H	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2456776-02A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-02B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-02C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2456776-02D	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2456776-02E	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		K-6020S(180),SE-6020S(180),V-6020S(180),CU-6020S(180),MN-6020S(180),BE-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),NA-6020S(180),PB-6020S(180),NI-6020S(180),TL-6020S(180),BA-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2456776-02F	Plastic 250ml NaOH preserved	A	>12	>12	2.5	Y	Absent		TCN-9010(14)
L2456776-02G	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2456776-02H	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2456776-03A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-03B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-03C	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2456776-03D	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		CU-6020S(180),SE-6020S(180),V-6020S(180),K-6020S(180),MN-6020S(180),BE-6020S(180),MG-6020S(180),ZN-6020S(180),CO-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),BA-6020S(180),NI-6020S(180),TL-6020S(180),NA-6020S(180),PB-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2456776-03E	Plastic 250ml NaOH preserved	A	>12	>12	2.5	Y	Absent		TCN-9010(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2456776-03F	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2456776-03G	Vial HCl preserved	A	NA		2.5	Y	Absent		ARCHIVE()
L2456776-04A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-04B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-04C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-04D	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		TL-6020T(180),SE-6020T(180),BA-6020T(180),FE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2456776-04E	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		V-6020S(180),CU-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),CO-6020S(180),BE-6020S(180),MG-6020S(180),ZN-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),NI-6020S(180),NA-6020S(180),BA-6020S(180),PB-6020S(180),TL-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2456776-04F	Plastic 250ml NaOH preserved	A	>12	>12	2.5	Y	Absent		TCN-9010(14)
L2456776-04G	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2456776-04H	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2456776-05A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-05B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-05C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-05D	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2456776-05E	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		K-6020S(180),SE-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),NA-6020S(180),NI-6020S(180),BA-6020S(180),PB-6020S(180),TL-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2456776-05F	Plastic 250ml NaOH preserved	A	>12	>12	2.5	Y	Absent		TCN-9010(14)
L2456776-05G	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2456776-05H	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2456776-06A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-06B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-07A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-07B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-07C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2456776-07D	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		TL-6020T(180),BA-6020T(180),SE-6020T(180),FE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2456776-07E	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		SE-6020S(180),V-6020S(180),K-6020S(180),CU-6020S(180),MN-6020S(180),BE-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),TL-6020S(180),NA-6020S(180),BA-6020S(180),NI-6020S(180),PB-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),HG-S(28),CD-6020S(180),AL-6020S(180)
L2456776-07F	Plastic 250ml NaOH preserved	A	>12	>12	2.5	Y	Absent		TCN-9010(14)
L2456776-07G	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2456776-07H	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2456776
Report Date: 10/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

Container Comments

L2456776-03G Container Received Empty.

*Values in parentheses indicate holding time in days

Project Name:	65 TROWBRIDGE-GWSE 2024	**Lab Number:**	L2456776
Project Number:	0200336-005	**Report Date:**	10/08/24

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:	65 TROWBRIDGE-GWSE 2024	**Lab Number:**	L2456776
Project Number:	0200336-005	**Report Date:**	10/08/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-GWSE 2024	**Lab Number:**	L2456776
Project Number:	0200336-005	**Report Date:**	10/08/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-GWSE 2024	**Lab Number:**	L2456776
Project Number:	0200336-005	**Report Date:**	10/08/24

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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

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

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

CHAIN OF CUSTODY

L2456776 08OCT24
HALEY – NY

ALPHA ANALYTICAL

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

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

Service Centers
Brewer, ME 04412 Portsmouth, NH 03801 Mahwah, NJ 07430
Albany, NY 12205
Tonawanda, NY 14150 Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab 10/2/24

H&A Information

H&A Client: Haley & Aldrich
H&A Address: 200 Town Centre Dr. Rochester, NY
H&A Phone: 585-321-4211
H&A Fax:
H&A Email: jszucs@haleyaldrich.com

Project Information

Project Name: LOS TROWBRIDGE - GWSE 2024
Project Location: Rochester, NY
Project # 07.00336-005
(Use Project name as Project #)
Project Manager: J. SZUCS
ALPHAQuote #:

Turn-Around Time

Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables

[ ] Email [ ] Fax
[ ] EQuIS (1 File) [X] EQuIS (4 File)
[ ] Other:

Billing Information

[ ] Same as Client Info
PO #

Regulatory Requirements (Program/Criteria)

Note: Select State from menu & identify criteria.

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [X] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

CC: gwhite@haleyaldrich.com
kbartlett@haleyaldrich.com

Please specify Metals or TAL.

Dissolved Metals were field filtered!

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 VOCs 8260D	8TCL SVOCs 8270D-SIM (LOW LEVEL)	TOTAL TAL Metals 6020B/HG	DISSOLVED TAL Metals 6020B/HG	Total Cyanide 9014/2B				Sample Specific Comments	Total # Bottles
56776 -01	MW3-093024-1120	9/30/24	1120	GW	KB	X	X	X	X	X					8
-02	MW2-093024-1350		1350	GW		X	X	X	X	X					8
-03	MW7-093024-1430		1430	GW		X	X	X	X	X					8
-04	MW4R-093024-1500		1500	GW		X	X	X	X	X					8
-05	MW10-100124-1220	10/1/24	1220	GW		X	X	X	X	X					8
-06	4444-093024-0001	9/30/24	0800	WQ		X								TRIP BLANK	3
-07	4444-100124-0002	10/1/24	1430	WQ		X	X	X	X	X				EQUIP. BLANK	8
Container Type						V	A	P	P	P					
Preservative						B	A	C	C	E					

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
	10/1/24 15:21	Secure Storage Pkg	10/1/24 1521
Secure Storage Pkg	10/1/24 1745	J. Nagy Roch. S.C.	10/1/24 1745
Russell B. Bishop	10-1-24 19:00		
	0230		10/2 02:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2015-18-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 1 (1/28/2016)

ANALYTICAL REPORT

Lab Number:	L2457114
Client:	Haley & Aldrich 260 E Main St Suite 2100 Rochester, NY 14604
ATTN:	Janice Szucs
Phone:	(585) 321-4211
Project Name:	65 TROWBRIDGE-GWSE 2024
Project Number:	0200336-005
Report Date:	10/09/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2457114-01	MW5-100224-0820	WATER	Not Specified	10/02/24 08:20	10/02/24
L2457114-02	MW9-100224-0910	WATER	Not Specified	10/02/24 09:10	10/02/24
L2457114-03	MW1-100224-0950	WATER	Not Specified	10/02/24 09:50	10/02/24
L2457114-04	4444-100224-0001	WATER	Not Specified	10/02/24 08:00	10/02/24
L2457114-05	4444-100224-0002	WATER	Not Specified	10/02/24 00:00	10/02/24

Project Name:	65 TROWBRIDGE-GWSE 2024	**Lab Number:**	L2457114
Project Number:	0200336-005	**Report Date:**	10/09/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, 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:	65 TROWBRIDGE-GWSE 2024	**Lab Number:**	L2457114
Project Number:	0200336-005	**Report Date:**	10/09/24

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

L2457114-05: The sample identified as "4444-100224-0002" on the chain of custody was identified as "4444-100224-0001" on the container label. At the client's request, the sample is reported as "4444-100224-0002".

Volatile Organics

L2457114-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1981425-3/-4 LCS/LCSD recoveries, associated with L2457114-01, -03, -04, and -05, are below the individual acceptance criteria for trichlorofluoromethane (39%/26%), bromomethane (24%/25%), and chloroethane (46%/45%), but within the overall method allowances. The results of the associated samples are reported.

Semivolatile Organics

The WG1980657-2 LCS recovery, associated with L2457114-01, -02, -03, and -05, is above the individual acceptance criteria for p-chloro-m-cresol (98%), but within the overall method allowances. The results of the associated samples are reported.

Semivolatile Organics by SIM

L2457114-02: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2457114-03: The surrogate recovery is outside the individual acceptance criteria for 2-fluorophenol (20%),

Project Name:	65 TROWBRIDGE-GWSE 2024	**Lab Number:**	L2457114
Project Number:	0200336-005	**Report Date:**	10/09/24

Case Narrative (continued)

but within the overall method allowances. The results of the original analysis are reported.

The WG1980658-1 Method Blank, associated with L2457114-02 and -02D, has a concentration above the reporting limit for naphthalene. Since the associated sample concentrations are greater than 10x the blank concentration, no corrective action is required.

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

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 10/09/24

ORGANICS

VOLATILES

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-01 Date Collected: 10/02/24 08:20
Client ID: MW5-100224-0820 Date Received: 10/02/24
Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/08/24 03:26
Analyst: MJV

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

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-01 Date Collected: 10/02/24 08:20

Client ID: MW5-100224-0820 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-02 D
Client ID: MW9-100224-0910
Sample Location: Not Specified

Date Collected: 10/02/24 09:10
Date Received: 10/02/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/08/24 11:08
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	ND		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	250		ug/l	2.0	0.64	4
Toluene	24		ug/l	10	2.8	4
Ethylbenzene	400		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	ND		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Trichloroethene	ND		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-02 D
Client ID: MW9-100224-0910
Sample Location: Not Specified

Date Collected: 10/02/24 09:10
Date Received: 10/02/24
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	11		ug/l	10	0.66	4
p/m-Xylene	410		ug/l	10	2.8	4
o-Xylene	72		ug/l	10	2.8	4
cis-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Isopropylbenzene	38		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
Methyl Acetate	ND		ug/l	8.0	0.94	4
Cyclohexane	130		ug/l	40	1.1	4
1,4-Dioxane	ND		ug/l	1000	240	4
Freon-113	ND		ug/l	10	2.8	4
Methyl cyclohexane	150		ug/l	40	1.6	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	92		70-130

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-03 Date Collected: 10/02/24 09:50
Client ID: MW1-100224-0950 Date Received: 10/02/24
Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/08/24 03:52
Analyst: MJV

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

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-03 Date Collected: 10/02/24 09:50

Client ID: MW1-100224-0950 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

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

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-04
Client ID: 4444-100224-0001
Sample Location: Not Specified

Date Collected: 10/02/24 08:00
Date Received: 10/02/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/08/24 04:18
Analyst: MJV

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

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-04 Date Collected: 10/02/24 08:00

Client ID: 4444-100224-0001 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	104		70-130

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-05
Client ID: 4444-100224-0002
Sample Location: Not Specified

Date Collected: 10/02/24 00:00
Date Received: 10/02/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 10/08/24 04:44
Analyst: MJV

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

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-05 Date Collected: 10/02/24 00:00

Client ID: 4444-100224-0002 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	104		70-130

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/07/24 20:55
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1981425-5					
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: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/07/24 20:55
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1981425-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/07/24 20:55
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1981425-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	103		70-130

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/08/24 10:00
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1982110-5					
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: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 10/08/24 10:00
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1982110-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2457114

Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1981425-3 WG1981425-4								
Methylene chloride	92		93		70-130	1		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	90		91		70-130	1		20
Carbon tetrachloride	94		95		63-132	1		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	93		94		63-130	1		20
1,1,2-Trichloroethane	89		91		70-130	2		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	90		91		75-130	1		20
Trichlorofluoromethane	**39**	Q	**36**	Q	62-150	8		20
1,2-Dichloroethane	94		94		70-130	0		20
1,1,1-Trichloroethane	92		91		67-130	1		20
Bromodichloromethane	88		91		67-130	3		20
trans-1,3-Dichloropropene	90		91		70-130	1		20
cis-1,3-Dichloropropene	93		94		70-130	1		20
Bromoform	82		84		54-136	2		20
1,1,2,2-Tetrachloroethane	83		85		67-130	2		20
Benzene	93		94		70-130	1		20
Toluene	89		90		70-130	1		20
Ethylbenzene	87		87		70-130	0		20
Chloromethane	84		84		64-130	0		20
Bromomethane	**24**	Q	**25**	Q	39-139	4		20
Vinyl chloride	76		76		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1981425-3 WG1981425-4								
Chloroethane	**46**	Q	**45**	Q	55-138	2		20
1,1-Dichloroethene	79		82		61-145	4		20
trans-1,2-Dichloroethene	97		98		70-130	1		20
Trichloroethene	92		92		70-130	0		20
1,2-Dichlorobenzene	84		86		70-130	2		20
1,3-Dichlorobenzene	84		85		70-130	1		20
1,4-Dichlorobenzene	83		85		70-130	2		20
Methyl tert butyl ether	89		90		63-130	1		20
p/m-Xylene	85		85		70-130	0		20
o-Xylene	80		85		70-130	6		20
cis-1,2-Dichloroethene	95		96		70-130	1		20
Styrene	80		80		70-130	0		20
Dichlorodifluoromethane	69		69		36-147	0		20
Acetone	83		82		58-148	1		20
Carbon disulfide	84		72		51-130	15		20
2-Butanone	90		88		63-138	2		20
4-Methyl-2-pentanone	93		93		59-130	0		20
2-Hexanone	73		83		57-130	13		20
Bromochloromethane	96		97		70-130	1		20
1,2-Dibromoethane	95		96		70-130	1		20
1,2-Dibromo-3-chloropropane	87		88		41-144	1		20
Isopropylbenzene	82		83		70-130	1		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1981425-3 WG1981425-4								
1,2,4-Trichlorobenzene	100		98		70-130	2		20
Methyl Acetate	91		93		70-130	2		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	94		98		56-162	4		20
Freon-113	88		75		70-130	16		20
Methyl cyclohexane	93		92		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	103		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1982110-3 WG1982110-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	99		98		63-130	1		20
1,1,2-Trichloroethane	97		96		70-130	1		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	110		100		70-130	10		20
Bromoform	95		95		54-136	0		20
1,1,2,2-Tetrachloroethane	100		99		67-130	1		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		98		70-130	2		20
Chloromethane	95		95		64-130	0		20
Bromomethane	73		78		39-139	7		20
Vinyl chloride	100		100		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1982110-3 WG1982110-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	97		97		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	86		88		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	100		100		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	87		82		58-148	6		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	92		96		63-138	4		20
4-Methyl-2-pentanone	96		91		59-130	5		20
2-Hexanone	96		96		57-130	0		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	100		98		70-130	2		20
1,2-Dibromo-3-chloropropane	94		88		41-144	7		20
Isopropylbenzene	100		98		70-130	2		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2457114

Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1982110-3 WG1982110-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	99		92		70-130	7		20
Cyclohexane	96		95		70-130	1		20
1,4-Dioxane	98		98		56-162	0		20
Freon-113	100		99		70-130	1		20
Methyl cyclohexane	96		95		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		106		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	96		97		70-130
Dibromofluoromethane	101		103		70-130

SEMIVOLATILES

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-01
Client ID: MW5-100224-0820
Sample Location: Not Specified

Date Collected: 10/02/24 08:20
Date Received: 10/02/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/08/24 08:20
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/06/24 11:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-01 Date Collected: 10/02/24 08:20

Client ID: MW5-100224-0820 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	50.		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	32		10-120
4-Terphenyl-d14	72		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-01
Client ID: MW5-100224-0820
Sample Location: Not Specified

Date Collected: 10/02/24 08:20
Date Received: 10/02/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/09/24 07:24
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/08/24 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.29		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.40		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.12		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.24		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.28		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.35		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.12		ug/l	0.10	0.03	1
Chrysene	0.22		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.24		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.12		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.21		ug/l	0.10	0.02	1
Pyrene	0.42		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-01 Date Collected: 10/02/24 08:20

Client ID: MW5-100224-0820 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

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	24		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	42		10-120
4-Terphenyl-d14	82		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-02
Client ID: MW9-100224-0910
Sample Location: Not Specified

Date Collected: 10/02/24 09:10
Date Received: 10/02/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/08/24 08:46
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/06/24 11:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	2.3	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	0.53	J	ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-02 Date Collected: 10/02/24 09:10

Client ID: MW9-100224-0910 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	13.		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	31		10-120
4-Terphenyl-d14	65		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-02
Client ID: MW9-100224-0910
Sample Location: Not Specified

Date Collected: 10/02/24 09:10
Date Received: 10/02/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/07/24 10:36
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/06/24 11:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.63		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.40		ug/l	0.10	0.03	1
Hexachlorobutadiene	0.14	J	ug/l	0.50	0.02	1
Naphthalene	92	E	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.26		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.27		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.42		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.18		ug/l	0.10	0.03	1
Chrysene	0.25		ug/l	0.10	0.03	1
Acenaphthylene	0.25		ug/l	0.10	0.02	1
Anthracene	0.23		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.31		ug/l	0.10	0.02	1
Fluorene	0.63		ug/l	0.10	0.03	1
Phenanthrene	0.77		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.12		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.26		ug/l	0.10	0.02	1
Pyrene	0.45		ug/l	0.10	0.04	1
2-Methylnaphthalene	62	E	ug/l	0.10	0.03	1
Pentachlorophenol	0.42	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-02 Date Collected: 10/02/24 09:10

Client ID: MW9-100224-0910 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

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	37		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	78		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-02 D
Client ID: MW9-100224-0910
Sample Location: Not Specified

Date Collected: 10/02/24 09:10
Date Received: 10/02/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/09/24 07:41
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/06/24 11:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Naphthalene	90		ug/l	0.50	0.12	5
2-Methylnaphthalene	58		ug/l	0.50	0.14	5

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-03
Client ID: MW1-100224-0950
Sample Location: Not Specified

Date Collected: 10/02/24 09:50
Date Received: 10/02/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/08/24 05:47
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/06/24 11:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-03 Date Collected: 10/02/24 09:50

Client ID: MW1-100224-0950 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	260		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	66		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-03
Client ID: MW1-100224-0950
Sample Location: Not Specified

Date Collected: 10/02/24 09:50
Date Received: 10/02/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/09/24 07:58
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/08/24 19:22

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

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-03 Date Collected: 10/02/24 09:50

Client ID: MW1-100224-0950 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

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	**20**	Q	21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	42		10-120
4-Terphenyl-d14	75		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-05
Client ID: 4444-100224-0002
Sample Location: Not Specified

Date Collected: 10/02/24 00:00
Date Received: 10/02/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 10/08/24 07:04
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/06/24 11:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-05 Date Collected: 10/02/24 00:00

Client ID: 4444-100224-0002 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	14.		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	23		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	24		10-120
4-Terphenyl-d14	67		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-05
Client ID: 4444-100224-0002
Sample Location: Not Specified

Date Collected: 10/02/24 00:00
Date Received: 10/02/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 10/09/24 08:14
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/08/24 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.26		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.10	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.09	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.07	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.08	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.05	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.07	J	ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.06	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.06	J	ug/l	0.10	0.02	1
Pyrene	0.13		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-05 Date Collected: 10/02/24 00:00

Client ID: 4444-100224-0002 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

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	23		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	87		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/07/24 22:32
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/06/24 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1980657-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 10/07/24 22:32
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 10/06/24 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1980657-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	68		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/07/24 07:35
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/06/24 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02 Batch: WG1980658-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.23		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/07/24 07:35
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/06/24 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02 Batch: WG1980658-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	85		41-149

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/09/24 08:44
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/08/24 11:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,03,05 Batch: WG1981498-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005
Lab Number: L2457114
Report Date: 10/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 10/09/24 08:44
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/08/24 11:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,03,05 Batch: WG1981498-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	30		10-120
4-Terphenyl-d14	70		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1980657-2 WG1980657-3								
Bis(2-chloroethyl)ether	78		71		40-140	9		30
3,3'-Dichlorobenzidine	74		69		40-140	7		30
2,4-Dinitrotoluene	90		80		48-143	12		30
2,6-Dinitrotoluene	86		78		40-140	10		30
4-Chlorophenyl phenyl ether	82		75		40-140	9		30
4-Bromophenyl phenyl ether	87		74		40-140	16		30
Bis(2-chloroisopropyl)ether	90		87		40-140	3		30
Bis(2-chloroethoxy)methane	78		73		40-140	7		30
Hexachlorocyclopentadiene	57		50		40-140	13		30
Isophorone	84		78		40-140	7		30
Nitrobenzene	88		79		40-140	11		30
NDPA/DPA	90		79		40-140	13		30
n-Nitrosodi-n-propylamine	85		82		29-132	4		30
Bis(2-ethylhexyl)phthalate	94		84		40-140	11		30
Butyl benzyl phthalate	98		89		40-140	10		30
Di-n-butylphthalate	97		84		40-140	14		30
Di-n-octylphthalate	99		90		40-140	10		30
Diethyl phthalate	99		86		40-140	14		30
Dimethyl phthalate	87		77		40-140	12		30
Biphenyl	71		62		40-140	14		30
4-Chloroaniline	91		80		40-140	13		30
2-Nitroaniline	94		83		52-143	12		30
3-Nitroaniline	93		82		25-145	13		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2457114

Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1980657-2 WG1980657-3								
4-Nitroaniline	94		79		51-143	17		30
Dibenzofuran	84		76		40-140	10		30
1,2,4,5-Tetrachlorobenzene	70		61		2-134	14		30
Acetophenone	78		74		39-129	5		30
2,4,6-Trichlorophenol	74		80		30-130	8		30
p-Chloro-m-cresol	**98**	Q	84		23-97	15		30
2-Chlorophenol	74		77		27-123	4		30
2,4-Dichlorophenol	72		79		30-130	9		30
2,4-Dimethylphenol	54		60		30-130	11		30
2-Nitrophenol	74		82		30-130	10		30
4-Nitrophenol	53		59		10-80	11		30
2,4-Dinitrophenol	86		103		20-130	18		30
4,6-Dinitro-o-cresol	80		94		20-164	16		30
Phenol	46		46		12-110	0		30
2-Methylphenol	73		71		30-130	3		30
3-Methylphenol/4-Methylphenol	76		73		30-130	4		30
2,4,5-Trichlorophenol	81		82		30-130	1		30
Carbazole	92		86		55-144	7		30
Atrazine	103		88		40-140	16		30
Benzaldehyde	66		66		40-140	0		30
Caprolactam	60		56		10-130	7		30
2,3,4,6-Tetrachlorophenol	72		90		40-140	22		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2457114

Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1980657-2 WG1980657-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	50		54		21-120
Phenol-d6	41		39		10-120
Nitrobenzene-d5	73		68		23-120
2-Fluorobiphenyl	68		59		15-120
2,4,6-Tribromophenol	53		58		10-120
4-Terphenyl-d14	68		59		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

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: WG1980658-2 WG1980658-3								
Acenaphthene	85		83		40-140	2		40
2-Chloronaphthalene	75		73		40-140	3		40
Fluoranthene	82		79		40-140	4		40
Hexachlorobutadiene	70		68		40-140	3		40
Naphthalene	74		72		40-140	3		40
Benzo(a)anthracene	113		108		40-140	5		40
Benzo(a)pyrene	104		99		40-140	5		40
Benzo(b)fluoranthene	103		97		40-140	6		40
Benzo(k)fluoranthene	98		95		40-140	3		40
Chrysene	100		96		40-140	4		40
Acenaphthylene	81		78		40-140	4		40
Anthracene	92		88		40-140	4		40
Benzo(ghi)perylene	110		103		40-140	7		40
Fluorene	84		80		40-140	5		40
Phenanthrene	92		88		40-140	4		40
Dibenzo(a,h)anthracene	116		110		40-140	5		40
Indeno(1,2,3-cd)pyrene	120		111		40-140	8		40
Pyrene	81		77		40-140	5		40
2-Methylnaphthalene	74		72		40-140	3		40
Pentachlorophenol	81		114		40-140	34		40
Hexachlorobenzene	88		85		40-140	3		40
Hexachloroethane	74		73		40-140	1		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

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: WG1980658-2 WG1980658-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		55		21-120
Phenol-d6	44		45		10-120
Nitrobenzene-d5	90		88		23-120
2-Fluorobiphenyl	67		64		15-120
2,4,6-Tribromophenol	89		100		10-120
4-Terphenyl-d14	82		78		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1981498-2 WG1981498-3								
Acenaphthene	62		58		40-140	7		40
2-Chloronaphthalene	57		52		40-140	9		40
Fluoranthene	78		82		40-140	5		40
Hexachlorobutadiene	52		45		40-140	14		40
Naphthalene	54		48		40-140	12		40
Benzo(a)anthracene	81		87		40-140	7		40
Benzo(a)pyrene	90		98		40-140	9		40
Benzo(b)fluoranthene	88		95		40-140	8		40
Benzo(k)fluoranthene	83		89		40-140	7		40
Chrysene	82		90		40-140	9		40
Acenaphthylene	63		59		40-140	7		40
Anthracene	74		74		40-140	0		40
Benzo(ghi)perylene	89		96		40-140	8		40
Fluorene	66		64		40-140	3		40
Phenanthrene	69		70		40-140	1		40
Dibenzo(a,h)anthracene	95		102		40-140	7		40
Indeno(1,2,3-cd)pyrene	95		102		40-140	7		40
Pyrene	78		82		40-140	5		40
2-Methylnaphthalene	58		52		40-140	11		40
Pentachlorophenol	78		81		40-140	4		40
Hexachlorobenzene	68		66		40-140	3		40
Hexachloroethane	51		43		40-140	17		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1981498-2 WG1981498-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	42		38		21-120
Phenol-d6	33		30		10-120
Nitrobenzene-d5	55		52		23-120
2-Fluorobiphenyl	57		52		15-120
2,4,6-Tribromophenol	74		77		10-120
4-Terphenyl-d14	76		82		41-149

METALS

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-01 Date Collected: 10/02/24 08:20

Client ID: MW5-100224-0820 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.203		mg/l	0.0100	0.00327	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00216		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Barium, Total	0.1610		mg/l	0.00050	0.00017	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Cadmium, Total	0.00023		mg/l	0.00020	0.00005	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Calcium, Total	178.		mg/l	0.100	0.0394	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Chromium, Total	0.00118		mg/l	0.00100	0.00017	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.00145		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Copper, Total	0.00711		mg/l	0.00100	0.00038	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Iron, Total	1.69		mg/l	0.0500	0.0191	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Lead, Total	0.01044		mg/l	0.00100	0.00034	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Magnesium, Total	35.6		mg/l	0.0700	0.0242	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Manganese, Total	0.5360		mg/l	0.00100	0.00044	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/08/24 04:23	10/09/24 10:20	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00184	J	mg/l	0.00200	0.00055	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Potassium, Total	5.11		mg/l	0.100	0.0309	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Selenium, Total	0.00188	J	mg/l	0.00500	0.00173	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Sodium, Total	35.9		mg/l	0.100	0.0293	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Zinc, Total	0.03849		mg/l	0.01000	0.00341	1	10/08/24 02:36	10/09/24 16:07	EPA 3005A	1,6020B	SMV
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0222		mg/l	0.0100	0.00327	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Arsenic, Dissolved	0.00079		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Barium, Dissolved	0.1560		mg/l	0.00050	0.00017	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-01 Date Collected: 10/02/24 08:20

Client ID: MW5-100224-0820 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00012	J	mg/l	0.00020	0.00005	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Calcium, Dissolved	176.		mg/l	0.100	0.0394	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Chromium, Dissolved	0.00044	J	mg/l	0.00100	0.00017	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Cobalt, Dissolved	0.00130		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Copper, Dissolved	0.00365		mg/l	0.00100	0.00038	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Iron, Dissolved	0.466		mg/l	0.0500	0.0191	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Lead, Dissolved	0.00063	J	mg/l	0.00100	0.00034	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Magnesium, Dissolved	33.9		mg/l	0.0700	0.0242	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Manganese, Dissolved	0.5262		mg/l	0.00100	0.00044	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/08/24 23:02	10/09/24 10:24	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	0.00154	J	mg/l	0.00200	0.00055	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Potassium, Dissolved	5.31		mg/l	0.100	0.0309	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Sodium, Dissolved	32.4		mg/l	0.100	0.0293	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV
Zinc, Dissolved	0.01709		mg/l	0.01000	0.00341	1	10/08/24 02:36	10/09/24 14:34	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-02 Date Collected: 10/02/24 09:10

Client ID: MW9-100224-0910 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0792		mg/l	0.0100	0.00327	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Antimony, Total	0.00045	J	mg/l	0.00400	0.00042	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.01672		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Barium, Total	0.1710		mg/l	0.00050	0.00017	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Calcium, Total	56.2		mg/l	0.100	0.0394	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Chromium, Total	0.00152		mg/l	0.00100	0.00017	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.00047	J	mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Copper, Total	0.00190		mg/l	0.00100	0.00038	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Iron, Total	1.27		mg/l	0.0500	0.0191	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Lead, Total	0.02314		mg/l	0.00100	0.00034	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Magnesium, Total	40.8		mg/l	0.0700	0.0242	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Manganese, Total	0.03978		mg/l	0.00100	0.00044	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/08/24 04:23	10/09/24 10:23	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00396		mg/l	0.00200	0.00055	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Potassium, Total	25.7		mg/l	0.100	0.0309	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Sodium, Total	204.		mg/l	0.100	0.0293	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Zinc, Total	0.04881		mg/l	0.01000	0.00341	1	10/08/24 02:36	10/09/24 16:40	EPA 3005A	1,6020B	SMV
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0101		mg/l	0.0100	0.00327	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Arsenic, Dissolved	0.01560		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Barium, Dissolved	0.1719		mg/l	0.00050	0.00017	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-02 Date Collected: 10/02/24 09:10

Client ID: MW9-100224-0910 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Calcium, Dissolved	53.3		mg/l	0.100	0.0394	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Chromium, Dissolved	0.00049	J	mg/l	0.00100	0.00017	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Iron, Dissolved	0.458		mg/l	0.0500	0.0191	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Lead, Dissolved	0.00223		mg/l	0.00100	0.00034	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Magnesium, Dissolved	40.2		mg/l	0.0700	0.0242	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Manganese, Dissolved	0.03256		mg/l	0.00100	0.00044	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/08/24 23:02	10/09/24 10:34	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	0.00197	J	mg/l	0.00200	0.00055	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Potassium, Dissolved	25.1		mg/l	0.100	0.0309	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Sodium, Dissolved	201.		mg/l	0.100	0.0293	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/08/24 02:36	10/09/24 14:41	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-03 Date Collected: 10/02/24 09:50

Client ID: MW1-100224-0950 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0762		mg/l	0.0100	0.00327	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Antimony, Total	0.00054	J	mg/l	0.00400	0.00042	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00049	J	mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Barium, Total	0.1914		mg/l	0.00050	0.00017	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Calcium, Total	152.		mg/l	0.100	0.0394	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Chromium, Total	0.00047	J	mg/l	0.00100	0.00017	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.00024	J	mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Copper, Total	0.00965		mg/l	0.00100	0.00038	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Iron, Total	0.650		mg/l	0.0500	0.0191	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Lead, Total	0.00669		mg/l	0.00100	0.00034	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Magnesium, Total	25.4		mg/l	0.0700	0.0242	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Manganese, Total	0.2145		mg/l	0.00100	0.00044	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/08/24 04:23	10/09/24 10:27	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00151	J	mg/l	0.00200	0.00055	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Potassium, Total	6.62		mg/l	0.100	0.0309	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Sodium, Total	46.3		mg/l	0.100	0.0293	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Zinc, Total	0.07284		mg/l	0.01000	0.00341	1	10/08/24 02:36	10/09/24 16:13	EPA 3005A	1,6020B	SMV
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00436	J	mg/l	0.0100	0.00327	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Antimony, Dissolved	0.00064	J	mg/l	0.00400	0.00042	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Arsenic, Dissolved	0.00045	J	mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Barium, Dissolved	0.1939		mg/l	0.00050	0.00017	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-03 Date Collected: 10/02/24 09:50

Client ID: MW1-100224-0950 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00006	J	mg/l	0.00020	0.00005	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Calcium, Dissolved	154.		mg/l	0.100	0.0394	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Cobalt, Dissolved	0.00020	J	mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Copper, Dissolved	0.00630		mg/l	0.00100	0.00038	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Iron, Dissolved	0.131		mg/l	0.0500	0.0191	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Magnesium, Dissolved	26.5		mg/l	0.0700	0.0242	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Manganese, Dissolved	0.2480		mg/l	0.00100	0.00044	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/08/24 23:02	10/09/24 10:37	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	0.00164	J	mg/l	0.00200	0.00055	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Potassium, Dissolved	6.83		mg/l	0.100	0.0309	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Sodium, Dissolved	48.5		mg/l	0.100	0.0293	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV
Zinc, Dissolved	0.06842		mg/l	0.01000	0.00341	1	10/08/24 02:36	10/09/24 16:46	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-05 Date Collected: 10/02/24 00:00

Client ID: 4444-100224-0002 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.725		mg/l	0.0100	0.00327	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Antimony, Total	0.00068	J	mg/l	0.00400	0.00042	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Arsenic, Total	0.00570		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Barium, Total	0.1904		mg/l	0.00050	0.00017	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Cadmium, Total	0.00040		mg/l	0.00020	0.00005	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Calcium, Total	185.		mg/l	0.100	0.0394	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Chromium, Total	0.00324		mg/l	0.00100	0.00017	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Cobalt, Total	0.00258		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Copper, Total	0.01788		mg/l	0.00100	0.00038	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Iron, Total	4.03		mg/l	0.0500	0.0191	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Lead, Total	0.03588		mg/l	0.00100	0.00034	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Magnesium, Total	42.4		mg/l	0.0700	0.0242	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Manganese, Total	0.8164		mg/l	0.00100	0.00044	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Mercury, Total	0.00009	J	mg/l	0.00020	0.00009	1	10/08/24 04:23	10/09/24 10:30	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00386		mg/l	0.00200	0.00055	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Potassium, Total	5.39		mg/l	0.100	0.0309	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Selenium, Total	0.00269	J	mg/l	0.00500	0.00173	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Sodium, Total	24.9		mg/l	0.100	0.0293	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Vanadium, Total	0.00182	J	mg/l	0.00500	0.00157	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Zinc, Total	0.09212		mg/l	0.01000	0.00341	1	10/08/24 02:36	10/09/24 16:52	EPA 3005A	1,6020B	SMV
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0172		mg/l	0.0100	0.00327	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Arsenic, Dissolved	0.00110		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Barium, Dissolved	0.1607		mg/l	0.00050	0.00017	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-05 Date Collected: 10/02/24 00:00

Client ID: 4444-100224-0002 Date Received: 10/02/24

Sample Location: Not Specified Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00009	J	mg/l	0.00020	0.00005	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Calcium, Dissolved	174.		mg/l	0.100	0.0394	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Chromium, Dissolved	0.00046	J	mg/l	0.00100	0.00017	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Cobalt, Dissolved	0.00173		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Copper, Dissolved	0.00275		mg/l	0.00100	0.00038	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Iron, Dissolved	0.668		mg/l	0.0500	0.0191	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Lead, Dissolved	0.00047	J	mg/l	0.00100	0.00034	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Magnesium, Dissolved	35.6		mg/l	0.0700	0.0242	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Manganese, Dissolved	0.6485		mg/l	0.00100	0.00044	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/08/24 23:02	10/09/24 10:41	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	0.00165	J	mg/l	0.00200	0.00055	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Potassium, Dissolved	5.20		mg/l	0.100	0.0309	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Selenium, Dissolved	0.00208	J	mg/l	0.00500	0.00173	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Sodium, Dissolved	28.2		mg/l	0.100	0.0293	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV
Zinc, Dissolved	0.01862		mg/l	0.01000	0.00341	1	10/08/24 02:36	10/09/24 16:19	EPA 3005A	1,6020B	SMV

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03,05 Batch: WG1981195-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	10/08/24 02:36	10/09/24 12:24	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03,05 Batch: WG1981196-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	10/08/24 23:02	10/09/24 10:17	1,7470A	MJR

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03,05 Batch: WG1981204-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Sodium, Total	ND		mg/l	0.100	0.0293	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/08/24 02:36	10/09/24 15:24	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03,05 Batch: WG1981208-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/08/24 04:23	10/09/24 10:03	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2457114

Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG1981195-2								
Aluminum, Dissolved	100		-		80-120	-		
Antimony, Dissolved	85		-		80-120	-		
Arsenic, Dissolved	105		-		80-120	-		
Barium, Dissolved	105		-		80-120	-		
Beryllium, Dissolved	102		-		80-120	-		
Cadmium, Dissolved	104		-		80-120	-		
Calcium, Dissolved	110		-		80-120	-		
Chromium, Dissolved	99		-		80-120	-		
Cobalt, Dissolved	102		-		80-120	-		
Copper, Dissolved	102		-		80-120	-		
Iron, Dissolved	99		-		80-120	-		
Lead, Dissolved	103		-		80-120	-		
Magnesium, Dissolved	100		-		80-120	-		
Manganese, Dissolved	104		-		80-120	-		
Nickel, Dissolved	99		-		80-120	-		
Potassium, Dissolved	105		-		80-120	-		
Selenium, Dissolved	110		-		80-120	-		
Silver, Dissolved	99		-		80-120	-		
Sodium, Dissolved	98		-		80-120	-		
Thallium, Dissolved	104		-		80-120	-		
Vanadium, Dissolved	100		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2457114

Report Date: 10/09/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG1981195-2					
Zinc, Dissolved	100	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG1981196-2					
Mercury, Dissolved	94	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2457114

Report Date: 10/09/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG1981204-2					
Aluminum, Total	106	-	80-120	-	
Antimony, Total	82	-	80-120	-	
Arsenic, Total	105	-	80-120	-	
Barium, Total	106	-	80-120	-	
Beryllium, Total	106	-	80-120	-	
Cadmium, Total	105	-	80-120	-	
Calcium, Total	105	-	80-120	-	
Chromium, Total	102	-	80-120	-	
Cobalt, Total	105	-	80-120	-	
Copper, Total	102	-	80-120	-	
Iron, Total	108	-	80-120	-	
Lead, Total	104	-	80-120	-	
Magnesium, Total	105	-	80-120	-	
Manganese, Total	108	-	80-120	-	
Nickel, Total	106	-	80-120	-	
Potassium, Total	108	-	80-120	-	
Selenium, Total	105	-	80-120	-	
Silver, Total	101	-	80-120	-	
Sodium, Total	105	-	80-120	-	
Thallium, Total	104	-	80-120	-	
Vanadium, Total	102	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2457114

Report Date: 10/09/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG1981204-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG1981208-2					
Mercury, Total	95	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1981195-3 QC Sample: L2456648-15 Client ID: MS Sample												
Aluminum, Dissolved	0.006J	2	2.17	108		-	-		75-125	-		20
Antimony, Dissolved	0.0026J	0.5	0.4755	95		-	-		75-125	-		20
Arsenic, Dissolved	0.00049J	0.12	0.1226	102		-	-		75-125	-		20
Barium, Dissolved	0.1387	2	2.198	103		-	-		75-125	-		20
Beryllium, Dissolved	ND	0.05	0.05179	104		-	-		75-125	-		20
Cadmium, Dissolved	ND	0.053	0.05243	99		-	-		75-125	-		20
Calcium, Dissolved	119	10	137	**180**	Q	-	-		75-125	-		20
Chromium, Dissolved	ND	0.2	0.2017	101		-	-		75-125	-		20
Cobalt, Dissolved	0.0011	0.5	0.5050	101		-	-		75-125	-		20
Copper, Dissolved	0.0006J	0.25	0.2478	99		-	-		75-125	-		20
Iron, Dissolved	ND	1	1.06	106		-	-		75-125	-		20
Lead, Dissolved	ND	0.53	0.5318	100		-	-		75-125	-		20
Magnesium, Dissolved	32.7	10	45.7	**130**	Q	-	-		75-125	-		20
Manganese, Dissolved	0.4143	0.5	0.9689	111		-	-		75-125	-		20
Nickel, Dissolved	0.0082	0.5	0.5229	103		-	-		75-125	-		20
Potassium, Dissolved	3.26	10	14.0	107		-	-		75-125	-		20
Selenium, Dissolved	ND	0.12	0.139	116		-	-		75-125	-		20
Silver, Dissolved	ND	0.05	0.04925	98		-	-		75-125	-		20
Sodium, Dissolved	66.6	10	86.7	**201**	Q	-	-		75-125	-		20
Thallium, Dissolved	ND	0.12	0.1220	102		-	-		75-125	-		20
Vanadium, Dissolved	ND	0.5	0.4866	97		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1981195-3 QC Sample: L2456648-15 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.4897	98	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1981196-3 QC Sample: L2457114-01 Client ID: MW5-100224-0820									
Mercury, Dissolved	ND	0.005	0.00441	88	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1981204-3 QC Sample: L2457086-01 Client ID: MS Sample									
Aluminum, Total	0.006J	2	2.15	108	-	-	75-125	-	20
Antimony, Total	0.0015J	0.5	0.4640	93	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.1194	100	-	-	75-125	-	20
Barium, Total	0.0969	2	2.120	101	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05168	103	-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.05296	100	-	-	75-125	-	20
Calcium, Total	94.5	10	104	95	-	-	75-125	-	20
Chromium, Total	0.0004J	0.2	0.1970	98	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.5098	102	-	-	75-125	-	20
Copper, Total	0.0013	0.25	0.2487	99	-	-	75-125	-	20
Iron, Total	ND	1	1.02	102	-	-	75-125	-	20
Lead, Total	ND	0.53	0.5318	100	-	-	75-125	-	20
Magnesium, Total	29.6	10	40.9	113	-	-	75-125	-	20
Manganese, Total	0.00445	0.5	0.5403	107	-	-	75-125	-	20
Nickel, Total	0.0008J	0.5	0.5070	101	-	-	75-125	-	20
Potassium, Total	3.08	10	13.0	99	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.130	108	-	-	75-125	-	20
Silver, Total	ND	0.05	0.04885	98	-	-	75-125	-	20
Sodium, Total	19.9	10	31.3	114	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1206	100	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.4844	97	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1981204-3 QC Sample: L2457086-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4903	98	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1981208-3 QC Sample: L2457116-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00448	90	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1981195-4 QC Sample: L2456648-15 Client ID: DUP Sample						
Arsenic, Dissolved	0.00049J	0.00066	mg/l	NC		20
Barium, Dissolved	0.1387	0.1413	mg/l	2		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Chromium, Dissolved	ND	ND	mg/l	NC		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Selenium, Dissolved	ND	ND	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1981196-4 QC Sample: L2457114-01 Client ID: MW5-100224-0820						
Mercury, Dissolved	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1981204-4 QC Sample: L2457086-01 Client ID: DUP Sample						
Cadmium, Total	ND	ND	mg/l	NC		20
Iron, Total	ND	ND	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Manganese, Total	0.00445	0.00412	mg/l	8		20
Potassium, Total	3.08	2.99	mg/l	3		20
Sodium, Total	19.9	20.2	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1981208-4 QC Sample: L2457116-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2457114
Report Date: 10/09/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1981204-6 QC Sample: L2457086-01 Client ID: DUP Sample						
Potassium, Total	3.08	3.14	mg/l	2		20
Sodium, Total	19.9	20.4	mg/l	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-01
Client ID: MW5-100224-0820
Sample Location: Not Specified

Date Collected: 10/02/24 08:20
Date Received: 10/02/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/08/24 14:10	10/08/24 18:14	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005
Lab Number: L2457114
Report Date: 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-02
Client ID: MW9-100224-0910
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 10/02/24 09:10
Date Received: 10/02/24
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/08/24 14:10	10/08/24 18:15	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005
Lab Number: L2457114
Report Date: 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-03
Client ID: MW1-100224-0950
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 10/02/24 09:50
Date Received: 10/02/24
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	10/08/24 14:10	10/08/24 18:16	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005
Lab Number: L2457114
Report Date: 10/09/24

SAMPLE RESULTS

Lab ID: L2457114-05
Client ID: 4444-100224-0002
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 10/02/24 00:00
Date Received: 10/02/24
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/08/24 14:10	10/08/24 18:17	1,9010C/9012B	JER

Project Name: 65 TROWBRIDGE-GWSE 2024 **Lab Number:** L2457114

Project Number: 0200336-005 **Report Date:** 10/09/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03,05 Batch: WG1981535-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	10/08/24 14:10	10/08/24 17:55	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024

Project Number: 0200336-005

Lab Number: L2457114

Report Date: 10/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-03,05		Batch: WG1981535-2		WG1981535-3			
Cyanide, Total	108		107		85-115	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03,05 QC Batch ID: WG1981535-4 WG1981535-5 QC Sample: L2456892-01 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.206	103		0.212	106		80-120	3		20
General Chemistry - Westborough Lab Associated sample(s): 01-03,05 QC Batch ID: WG1981535-6 WG1981535-7 QC Sample: L2457114-05 Client ID: 4444-100224-0002												
Cyanide, Total	ND	0.2	0.206	103		0.209	104		80-120	1		20

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

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(*)
L2457114-01A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2457114-01B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2457114-01C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2457114-01D	Amber 100ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2457114-01E	Amber 100ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2457114-01F	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		CU-6020S(180),K-6020S(180),V-6020S(180),SE-6020S(180),MN-6020S(180),BE-6020S(180),ZN-6020S(180),CO-6020S(180),MG-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),TL-6020S(180),NI-6020S(180),PB-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),AL-6020S(180),HG-S(28),CD-6020S(180)
L2457114-01G	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2457114-01H	Plastic 250ml NaOH preserved	A	>12	>12	4.4	Y	Absent		TCN-9010(14)
L2457114-02A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2457114-02B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2457114-02C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2457114-02D	Amber 100ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2457114-02E	Amber 100ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2457114-02F	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		CU-6020S(180),K-6020S(180),V-6020S(180),SE-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2457114-02G	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),K-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),AL-6020T(180),CO-6020T(180)
L2457114-02H	Plastic 250ml NaOH preserved	A	>12	>12	4.4	Y	Absent		TCN-9010(14)
L2457114-03A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2457114-03B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2457114-03C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2457114-03D	Amber 100ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2457114-03E	Amber 100ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2457114-03F	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		CU-6020S(180),V-6020S(180),SE-6020S(180),K-6020S(180),MN-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),BE-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),BA-6020S(180),NI-6020S(180),TL-6020S(180),NA-6020S(180),PB-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2457114-03G	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),MG-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2457114-03H	Plastic 250ml NaOH preserved	A	>12	>12	4.4	Y	Absent		TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name: 65 TROWBRIDGE-GWSE 2024
Project Number: 0200336-005

Lab Number: L2457114
Report Date: 10/09/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2457114-04A	Vial Na2S2O3 preserved	A	NA		4.4	Y	Absent		NYTCL-8260-R2(7)
L2457114-04B	Vial Na2S2O3 preserved	A	NA		4.4	Y	Absent		NYTCL-8260-R2(7)
L2457114-05A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2457114-05B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2457114-05C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2457114-05D	Amber 100ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2457114-05E	Amber 100ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2457114-05F	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),MG-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),TL-6020S(180),BA-6020S(180),NI-6020S(180),PB-6020S(180),NA-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),HG-S(28),CD-6020S(180),AL-6020S(180)
L2457114-05G	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),AL-6020T(180),CO-6020T(180)
L2457114-05H	Plastic 250ml NaOH preserved	A	>12	>12	4.4	Y	Absent		TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name:	65 TROWBRIDGE-GWSE 2024	**Lab Number:**	L2457114
Project Number:	0200336-005	**Report Date:**	10/09/24

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:	65 TROWBRIDGE-GWSE 2024	**Lab Number:**	L2457114
Project Number:	0200336-005	**Report Date:**	10/09/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	65 TROWBRIDGE-GWSE 2024	**Lab Number:**	L2457114
Project Number:	0200336-005	**Report Date:**	10/09/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	65 TROWBRIDGE-GWSE 2024	**Lab Number:**	L2457114
Project Number:	0200336-005	**Report Date:**	10/09/24

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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.

Serial No:10092420:13

L2457114 09OCT24
HALEY – NY

CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Brewer, ME 04412 — Portsmouth, NH 03801 — Mahwah, NJ 07430
Albany, NY 12205
Tonawanda, NY 14150 — Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab 10/3/24

Project Information
Project Name: OSTROWBRIDGE- GWSE 2024
Project Location:
Project # 02003336-005
(Use Project name as Project #) ☐
Project Manager: J. SZUCS
ALPHAQuote #:

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

H&A Information
H&A Client: Haley & Aldrich
H&A Address: 200 Town Centre Dr Rochester, NY
H&A Phone: 585 321-4211
H&A Fax:
H&A Email: JSzucs@haleyaldrich.com

Deliverables
☐ Email ☐ Fax ☒ EQuIS (4 File) ☐ EQuIS (1 File) ☐ Other:

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirements (Program/Criteria)
Note: Select State from menu & identify criteria.

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
cc: gwhite@haleyaldrich.com
kbartlett@haleyaldrich.com

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260	TCL SVOCs 8270-SIM	Total Cyanide 9010/9012B	Total TAL Metals (note)	Dissolved TAL Metals (note)	Total Bottles	Sample Specific Comments
57114-01	MW5-100224-0820	10/2/24	08:20	WG		X	X	X	X	X	8	
02	MW9-100224-0910		09:10	WG		X	X	X	X	X	8	
03	MW1-100224-0950		09:50	WG		X	X	X	X	X	8	
04	4444-100224-0001		08:00	WQ		X					3	TRIP BLANK
05	4444-100224-0002		—	WQ		X	X	X	X	X	8	

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	P	P	P				
Preservative	B	A	E	C	C				

Relinquished By:	Date/Time	Received By:	Date/Time
	10/2/24 10:40	SECURE STORAGE PACE	10/2/24 1040
SECURE STORAGE PACE	10/2/24 1736	Nap Roch. S.C.	10/2/24 1736
Russell B Bishop	10-2-24 18:35		
	0150	Julie	10/3/24 1:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2015-18-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 1 (1/28/2016)

APPENDIX F
Data Usability Summary Report (DUSR)

Data Usability Summary Report

Project Name: 65 Trowbridge St, Morse Lumber Co.

Project Description: Documentation Soil Samples

Sample Date(s): 04 June through 10 July 2024

Analytical Laboratory: Alpha Analytical Laboratories, Inc. – Westborough, MA

Validation Performed by: Gabrielle Davis

Validation Reviewed by: Kristina Ilina

Validation Date: 25 July 2024

Haley & Aldrich, Inc. prepared this Data Usability Summary Report (DUSR) to summarize the review and validation of the analytical results for Sample Delivery Group(s) (SDGs) listed. This DUSR is organized into the following sections:

1. **Sample Delivery Group Numbers**
2. **Explanations**
3. **Glossary**
4. **Abbreviations**
5. **Qualifiers**

References

This data validation and usability assessment was performed per the guidance and requirements established by the United States Environmental Protection Agency (USEPA) using the following reference materials:

- National Functional Guidelines (NFG) for Inorganic Data Review.
- NFG for Organic Data Review.
- Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under New York State Department of Environmental Conservation's (NYSDEC's) Part 375 Remedial Programs.
- The project-specific Quality Assurance Project Plan (QAPP), herein referred to as the specified limits (see references section).

Data reported in this sampling event were reported to the laboratory method detection limit (MDL). Results found between the MDL and reporting limit (RL) are flagged J as estimated.

Sample data were qualified in accordance with the laboratory's standard operating procedures (SOPs). The results presented in each laboratory report were found to be compliant with the data quality objectives (DQOs) for the project and are therefore usable; any exceptions are noted in the following pages.

1. Sample Delivery Group Numbers

1.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number(s):

- L2430944, dated 19 June 2024;
- L2431345, dated 18 June 2024;
- L2433099, dated 26 June 2024;
- L2433539, dated 27 June 2024;
- L2433822, dated 28 June 2024;
- L2434288, dated 19 June 2024;
- L2434436, dated 25 June 2024;
- L2435063, dated 05 July 2024;
- L2435588, dated 08 July 2024;
- L2438205, dated 10 July 2024; and
- L2438667, dated 17 July 2024.

Samples were collected, preserved, and shipped following standard chain of custody (COC) protocols.

Samples were also received appropriately, identified correctly, and analyzed according to the COC. Issues noted with sample management are listed below:

- Custody seals were not used on the sample cooler(s).
- L2430944, L2433099, L2433539, L2433822, L2435063: Total cyanide analysis was not requested on the COC but was performed at the client's request.
- L2434436: 1,4-dioxane analysis via Method 8270 was requested on the COC; however, the laboratory reported 1,4-dioxane via Method 8260.
- 8270 and 6010 analysis was requested for sample TB-DOC48-062024-1142 on the COC; however, the laboratory did not receive the sample containers. The client confirmed that the sample containers were not included in the cooler.
- Sample TB-DOC59-062424-0900 did not have any analyses marked on the COC. The analyses performed were specified by the client.
- 8081, 8151, 8082, and E1633 analysis was requested for samples TB-DOC63-071024-1050 and TB-DOC64-071024-1030 on the COC. The client canceled these analyses.

Analyses were performed on the samples listed in Table 1. Holding times are listed in Table 2.

1.2 CASE NARRATIVE

The laboratory report case narrative lists various additional quality control issues, such as internal standard exceedances and initial calibration verification (ICV) and/or continuing calibration verification (CCV) exceedances. Since these additional quality control issues were not required as per the QAPP, these quality control issues were not reviewed.

1.3 MULTIPLE SAMPLE RESULTS

The laboratory reported multiple results for the samples listed below. The validator chose the results that best met the DQOs of the project.

Lab ID	Analysis Date/Time	Method	Analyte	Qualification
Various	Various	SW8260D	All VOCs	The laboratory analyzed VOCs from the soil jar and methanol vial. Differences were noted between the results of each analysis and the laboratory attributed them to vial discrepancies. The results from the methanol vial were accepted, and the others were marked non-reportable.
Various	Various	SW8270E	Various	The sample required the dilution due to results exceedance. The laboratory marked the original results non-reportable and the reanalysis results were accepted.
L2434436-06 L2430944-01 L2431345-03	Various	SW8260D	Trichloroethene	The sample required the dilution due to results exceedance. The laboratory marked the original results non-reportable and the reanalysis results were accepted.
L2433099-02	6/18/2024 1:35:00 PM	SW8260D	All VOCs	The laboratory reanalyzed the sample due to QC exceedances. The original results are marked nonreportable and the reanalysis results are accepted.

1.4 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol, with the following exceptions:

- Headspace greater than 6mm in diameter was noted in the VOA sample containers for sample 4444-061424-0003. Since the sample is a trip blank, no additional qualification of the reported results is recommended.
- Sample 4444-062424-00001 was received with a pH less than 12 in the total cyanide container. The laboratory added additional NaOH upon receipt until the pH was greater than 12. No additional qualification of the reported results is recommended.

1.5 REPORTING LIMITS AND SAMPLE DILUTIONS

The RLs for the samples within this SDG met or were below the minimum RL requirements specified by the project-specific QAPP, with the following exceptions:

- Soil limits will vary marginally based on the volume of sample used for analysis. These variations are not considered to be significant.
- Dilution of the project samples were required to lower the concentration of the target analytes to within the instrument calibration range, control matrix interference and/or foaming during analysis, or address an abundance of non-target analytes present in the sample matrix.
- High-level methanol VOC analysis was used due to high concentrations of target analytes.

1.6 REPORTING BASIS (WET/DRY)

Refer to Section E 1.1. Soil data in this SDG were reported on a dry weight basis.

1.7 SURROGATE RECOVERY COMPLIANCE

Refer to Section E 1.2. The percent recovery (%R) for each surrogate compound added to each project sample were determined to be within the laboratory-specified quality control (QC) limits, with the following exceptions:

Method	Sample ID	Lab ID	Surrogate	Dilution	%R	Qualification
SW8260D	TB-DOC3-060424-1100	L2430944-03	4-Bromofluorobenzene	1x	132%	J+/None target compounds*
SW8270E	TB-DOC2-060424-1000	L2430944-02	4-Terphenyl-d14	1x	123%	J+/None target compounds**
SW8260D	TB-DOC14-061224-0840	L2433099-02	1,2-Dichloroethane-d4	1x	135%	None, results reported from reanalysis run
SW8260D	TB-DOC15-061224-0850	L2433099-03	1,2-Dichloroethane-d4	1x	137%	None, results reported from high-level methanol run

** Compounds targeted by 4-Bromofluorobenzene: None, all ND.*

*** Compounds targeted by 4-Terphenyl-d14: Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Chrysene, Dibenz(a,h)anthracene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, and Pyrene.*

1.8 LABORATORY CONTROL SAMPLES

Refer to Section E 1.3. Compounds associated with the laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses associated with client samples exhibited recoveries and relative percent differences (RPDs) within the specified limits with the exceptions listed in Table 3.

1.9 MATRIX SPIKE SAMPLES

Refer to Section E 1.4. The sample(s) listed on Table 4 were used for matrix spike/matrix spike duplicate (MS/MSD).

The MS/MSD recoveries and the relative percent difference (RPD) between the MS and MSD results were within the specified limits, with the exceptions listed below and on Table 5:

- In cases where the parent sample dilution factor was ≥ 5x, data was not qualified.
- In cases where the native sample results were ≥ 4x the spike added, data was not qualified.

1.10 BLANK SAMPLE ANALYSIS

Refer to Section E 1.5. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred, with the exceptions listed in Table 6.

The analysis of the blank samples for field quality control was free of target compounds, with the exceptions listed in Table 7.

1.11 DUPLICATE SAMPLE ANALYSIS

Refer to Section E 1.6. The following sample(s) were used for laboratory duplicate analysis and the RPDs were all below 20 percent (or the absolute difference rule was satisfied if detects were less than 5 times the RL). Any exceptions are noted below and qualified.

Lab Sample Number	Laboratory Duplicate Sample Client ID	Method(s)
L2433099-08	TB-DOC20-061224-1010	SM2540G
L2433539-11	TB-DOC33-061324-1420	SM2540G
L2433822-06	4444-061424-0002	SW7470A
L2434436-05	TB-DOC42-061824-0920	SM2540G
L2435588-14	4444-062424-0001	SW7470A
L2435588-09	TB-DOC58-062424-0840	SM2540G
L2438667-01	TB-DOC63-071024-1050	SW6010D, SW7471B, SM2540G

Lab Sample Number	Laboratory Duplicate Sample Client ID	Method(s)/Analyte	% RPD	Qualification
L2438667-01	TB-DOC63-071024-1050	SW6010D / Chromium, Total	21	J/UJ, RPD > 20%
L2438667-01	TB-DOC63-071024-1050	SW6010D / Iron, Total	28	J/UJ, RPD > 20%
L2438667-01	TB-DOC63-071024-1050	SW6010D / Manganese, Total	44	J/UJ, RPD > 20%

The following sample(s) were used for field duplicate analysis. RPDs were all below 100 percent for soil (or the absolute difference rule was satisfied if detects were less than 5 times the RL). Any exceptions are noted on Table 8 and qualified.

Primary Sample ID	Duplicate Sample ID	Method(s)
TB-DOC2-060424-1000	4444-060424-0001	E1633, SM2540G, SW6010D, SW7471B, SW8081B, SW8082A, SW8151A, SW8260D, SW8270E, SW9012B
TB-DOC13-061224-0830	4444-061224-0001	SM2540G, SW6010D, SW7471B, SW8260D, SW8270E, SW9012B
TB-DOC24-061324-0810	4444-061324-0001	SM2540G, SW6010D, SW7471B, SW8260D, SW8270E, SW9012B
TB-DOC36-061424-0900	4444-061424-0001	SM2540G, SW6010D, SW7471B, SW8260D, SW8270E, SW9012B

1.12 PRECISION AND ACCURACY

Refer to Section E 1.7. Where required by the method, some measurement of analytical accuracy and precision was reported for each method with the site samples.

1.13 CONFIRMATION COLUMN REVIEW

Refer to Section E 1.8. All relative percent differences (RPDs) were within control limits, with the following exceptions:

Method	Analyte	Sample	RPD	Action
SW8081B	4,4'-DDT	4444-060424-0001	> 40%	Qualify data estimated J.
SW8081B	4,4'-DDT	TB-DOC2-060424-1000	> 40%	Qualify data estimated J.
SW8081B	4,4'-DDE	TB-DOC58-062424-0840	> 40%	Qualify data estimated J.
SW8081B	Chlordane	TB-DOC15-061224-0850	> 40%	Qualify data estimated J.
SW8081B	4,4'-DDT	TB-DOC49-062024-1145	> 40%	Qualify data estimated J.

1.14 PFAS SAMPLE PREPARATION

Refer to Section E 1.14. The laboratory's SOP was reviewed, and the reviewer confirmed it is the laboratory's procedure to use solid-phase extraction (SPE) for sample preparation.

1.15 PFAS IDENTIFICATION

Refer to Section E 1.15. Ion ratios could not be reviewed because the laboratory did not provide an ion ratio summary. However, the lab qualified the following samples with "F" flag:

Sample ID	Analyte	Qualifier	Affected Samples
L2433099-09	Perfluorohexanoic acid (PFHxA)	J	TB-DOC21-061224-1300

The laboratory's SOP was reviewed, and the reviewer confirmed that, when applicable, the laboratory's procedure is to sum the branched and linear peaks.

1.16 EXTRACTION INTERNAL STANDARDS

Refer to Section E 1.16. Recoveries were reviewed and found to be within the limits of 50 to 150 percent of the initial calibration (ICAL) midpoint standard/ initial continuing calibration verification (CCV), with the exceptions listed in Table 9.

Extraction Internal Standards were out of limits for MBs, LCS, MS, and MSD, but did not affect the data.

1.17 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the DQOs for the project and the guidelines specified by the analytical method. Based on the review of this report, the data are useable and acceptable, except for rejected data in Table 10. A summary of qualifiers applied to this dataset is shown in Table 10.

2. Explanations

The following explanations include more detailed information regarding each of the sections in the DUSR above. Not all sections in the Explanations are represented:

- E 1.1 Reporting Basis (Wet/Dry)
  - Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations were made to compensate for the moisture content of the soil sample.
  - Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have greater than or equal to 30 percent solids to be appropriately quantified.
- E 1.2 Surrogate Recovery Compliance
  - Surrogates, also known as system monitoring compounds, are compounds added to each sample prior to sample preparation to determining the efficiency of the extraction procedure by evaluating the percent recovery (%R) of the compounds.
- E 1.3 Laboratory Control Samples
  - The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses are used to assess the precision and accuracy of the analytical method independent of matrix interferences.
- E 1.4 Matrix Spike Samples
  - Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effects of the sample matrix on the sample preparation procedures and measurement methodologies.
  - For inorganic methods, when a matrix spike recovery falls outside of the control limits and the sample result is less than four times the spike added, a post-digestion spike (PDS) is performed.
- E 1.5 Blank Sample Analysis
  - Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination.
  - Field blanks are prepared to identify contamination that may have been introduced during field activity. Equipment blanks are prepared to identify contamination that may have been introduced while decontaminating sampling equipment. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport.
- E 1.6 Laboratory and Field Duplicate Sample Analysis
  - The laboratory duplicate sample analysis is used by the laboratory at the time of the analysis to demonstrate acceptable method precision. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.

- The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The relative percent difference (RPD) or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.

- E 1.7 Precision and Accuracy
  - Precision measures the reproducibility of repetitive measurements. In a laboratory environment, this will be measured by determining the relative percent difference (RPD) found between a primary and a duplicate sample. This can be an LCS/LCSD pair, a MS/MSD pair, a laboratory duplicate performed on a site sample, or a field duplicate collected and analyzed concurrently with a site sample.
  - Accuracy is a statistical measurement of the correctness of a measured value and includes components of random error (variability caused by imprecision) and systematic error. In a laboratory environment, this will be measured by determining the percent recovery (%R) of certain spiked compounds. This can be assessed using LCS, blank spike (BS), MS, and/or surrogate recoveries.
- E 1.8 Confirmation Column Review
  - When analyzing for pesticides and polychlorinated biphenyls (PCBs), compound identification based on single-column analysis should be confirmed on a second column or supported by at least one other qualitative technique. When confirmed on a second column, the relative percent difference (RPD) should not exceed 40 percent.
- E 1.14 PFAS Sample Preparation
  - Analysis of PFAS requires specific sample preparation. Aqueous samples must be prepared using Solid Phase Extraction (SPE), unless samples are known to contain high PFAS concentrations or the samples are injected directly into the LC/MS/MS instrument. Samples with greater than 1 percent solids may require centrifugation prior to SPE. The entire sample plus bottle rinsate must be extracted using SPE. If high PFAS concentrations are known, the samples may alternately be prepared using serial dilution performed in duplicate. If prepared by serial dilution, there must be documented project approval for this deviation.
- E 1.15 PFAS Identification
  - Identification of PFAS requires dual confirmation. The chemical derivation of the ion transitions must be documented. A minimum of two ion transitions per analyte are required (except for PFBA and PFPeA). Ratios of the quantitation ion to the confirmation ion should be calculated for samples and be within 50 to 150 percent of the ratios of the quantitation ion to the confirmation ion for standards.
  - Identification of PFAS also requires the proper assessment of branched and linear peaks. Standards for both isomers are not currently available for every PFAS compound, resulting in the common error of quantifying the area of only the branched or the linear isomers, which results in erroneous concentrations.
- E 1.16 Extraction Internal Standards
  - Analysis of PFAS by isotope dilution includes the use of extracted internal standards, which are stable isotope analogs of the PFAS compounds of interest added to each sample prior to extraction of the sample matrix. Matrix interferences that affect the

quantification of the internal standard will affect the calculated target compound concentrations.

3. Glossary

Not all of the following symbols, acronyms, or qualifiers occur in this document.

- Sample Types:
  - EB Equipment Blank Sample
  - FB Field Blank Sample
  - FD Field Duplicate Sample
  - N Primary Sample
  - TB Trip Blank Sample
- Units:
  - µg/kg micrograms per kilogram
  - µg/L micrograms per liter
  - µg/m^3 micrograms per cubic meter
  - mg/kg milligrams per kilogram
  - mg/L milligrams per liter
  - ppb v/v parts per billion volume/volume
  - pCi/L picocuries per liter
  - pg/g picograms per gram
  - pg/L picograms per liter
- Matrices:
  - AA Ambient Air
  - GS Soil Gas
  - GW/WG Groundwater
  - QW Water Quality
  - IA Indoor Air
  - SE Sediment
  - SO Soil
  - SSV Sub-slab Vapor
  - WQ Water Quality control matrix
  - WS Surface Water
- Table Footnotes:
  - NA Not applicable
  - ND Non-detect
  - NR Not reported
- Common Symbols:
  - % percent
  - < less than
  - ≤ less than or equal to
  - > greater than
  - ≥ greater than or equal to
  - = equal
  - °C degrees Celsius
  - ± plus or minus
  - ~ approximately
  - x times (multiplier)

- Fractions:
  - N Normal (method cannot be filtered)
  - D Dissolved (filtered)
  - T Total (unfiltered)

4. Abbreviations

%D	Percent Difference
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation
%v/v	Percent volume by volume
2s	2 sigma
4,4-DDT	4 4-dichlorodiphenyltrichloroethane
Abs Diff	Absolute Difference
amu	atomic mass unit
BPJ	Best Professional Judgement
BS	Blank Spike
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CCVL	Continuing Calibration Verification Low
COC	Chain of Custody
COM	Combined Isotope Calculation
Cr (VI)	Hexavalent Chromium
CRI	Collision Reaction Interface
DoD	Department of Defense
DQO	data quality objective
DUSR	Data Usability Summary Report
EIS	Extraction Internal Standard
EMPC	Estimated Maximum Possible Concentration
FBK	Field Blank Contamination
FDP	Field Duplicate
GC	Gas Chromatograph
GC/MS	Gas Chromatography/Mass Spectrometry
GPC	Gel Permeation Chromatography
H_2	Hydrogen gas
HCl	Hydrochloric Acid
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICP/MS	Inductively Coupled Plasma/Mass Spectrometry
ICV	Initial Calibration Verification
ICVL	Initial Calibration Verification Low
IPA	Isopropyl Alcohol
LC	Laboratory Control
LCS/LCSD	Laboratory Control Sample/Laboratory Control Sample Duplicate
MBK	Method Blank Contamination
MDC	Minimum Detectable Concentration
MDL	Laboratory Method Detection Limit
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NA	not applicable
ND	Non-Detect
NFG	National Functional Guidelines
NH_3	Ammonia
NYSDEC	New York State Department of Environmental Conservation
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PDS	Post-Digestion Spike
PEM	Performance Evaluation Mixture
PFAS	Per- and Polyfluoroalkyl Substances
PFBA	Perfluorbutanoic Acid
PFD	Perfluorodecalin
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctane sulfonate
PFPeA	Perfluoropentanoic Acid
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
R^2	R-squared value
Ra-226	Radium-226
Ra-228	Radium-228
RESC	Resolution Check Measure
RL	Laboratory Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
RT	Retention Time
SAP	Sampling Analysis Plan
SDG	Sample Delivery Group
SIM	Selected ion monitoring
SOP	Standard Operating Procedure
SPE	Solid-Phase Extraction
SVOC	Semi-Volatile Organic Compound
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
TKN	Total Kjeldahl Nitrogen
TPH	Total Petroleum Hydrocarbon
TPU	Total Propagated Uncertainty
USEPA	U.S. Environmental Protection Agency
VOC	Volatile Organic Compound
WP	Work Plan

5. Qualifiers

The qualifiers below are from the USEPA National Functional Guidelines and the data in the DUSR may contain these qualifiers:

- Concentration (C) Qualifiers:

  U The compound was analyzed for but not detected. The associated value is either the compound quantitation limit if not detected by the analytical instrument or could be the reported or blank concentration if qualified by blank contamination. This can also be displayed as less than the associated compound quantitation limit (<RL or <MDL), or "ND".

  B The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers:

  E The compound was quantitated above the calibration range.

  D The concentration is based on a diluted sample analysis.

- Validation Qualifiers:

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  J+ The result is an estimated quantity, but the result may be biased high.

  J- The result is an estimated quantity, but the result may be biased low.

  J/UJ as listed in exception tables J applies to detected data and UJ applies to non-detected data as reported by the laboratory.

  UJ The compound was not detected. The reported sample quantitation limit is approximate.

  NJ The analysis indicated the presence of a compound for which there is presumptive evidence to make a tentative identification; the associated numerical value is an estimated concentration only.

  R The sample results were rejected as unusable; the compound may or may not be present in the sample.

  S Result is suspect. See DUSR for details.

References

1. Haley & Aldrich, Inc., 2020. Quality Assurance Project Plan. Portion of 65 Trowbridge Street, Rochester, New York. December.
2. New York State Department of Environmental Conservation (NYSDEC), 2023. Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances Under NYSDEC's Part 375 Remedial Programs. April.
3. United States Environmental Protection Agency, 2020a. National Functional Guidelines for Inorganic Superfund Methods Data Review. EPA-542-R-20-006. November.
4. United States Environmental Protection Agency, 2020b. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-20-005. November.

Attachments:

Table 1 – Sample Management
Table 2 – Method Holding Times
Table 3 – LCS/LCSD
Table 4 – MS Pairs
Table 5 – MS/MSD
Table 6 – Method Blanks
Table 7 – Field Blanks
Table 8 – Field Duplicates
Table 9 – PFAS EIS
Table 10 – System Performance Summary

TABLES

TABLE 1
SAMPLE MANAGEMENT
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

Sample ID	Sample Type	Lab ID	Sample Date	Matrix	Methods
TB-DOC1-060424-0900	N	L2430944-01	06/04/2024	SO	A, B, C, D, E, F
TB-DOC2-060424-1000	N	L2430944-02	06/04/2024	SO	A, B, C, D, E, F, G, H, I, J
TB-DOC3-060424-1100	N	L2430944-03	06/04/2024	SO	A, B, C, D, E, F
TB-DOC4-060424-1120	N	L2430944-04	06/04/2024	SO	A, B, C, D, E, F
TB-DOC5-060424-1240	N	L2430944-05	06/04/2024	SO	A, B, C, D, E, F
TB-DOC6-060424-1250	N	L2430944-06	06/04/2024	SO	A, B, C, D, E, F, G, H, I, J
TB-DOC7-060424-1320	N	L2430944-07	06/04/2024	SO	A, B, C, D, E, F
4444-060424-0001	FD	L2430944-08	06/04/2024	SO	A, B, C, D, E, F, G, H, I, J
TB-DOC8-060524-0800	N	L2431345-01	06/05/2024	SO	A, C, D, E, F
TB-DOC9-060524-0820	N	L2431345-02	06/05/2024	SO	A, C, D, E, F
TB-DOC10-060524-0850	N	L2431345-03	06/05/2024	SO	A, C, D, E, F
TB-DOC11-060524-0900	N	L2431345-04	06/05/2024	SO	A, C, D, E, F
TB-DOC12-060524-1000	N	L2431345-05	06/05/2024	SO	A, C, D, E, F
TB-DOC13-061224-0830	N	L2433099-01	06/12/2024	SO	A, B, C, D, E, F
TB-DOC14-061224-0840	N	L2433099-02	06/12/2024	SO	A, B, C, D, E, F
TB-DOC15-061224-0850	N	L2433099-03	06/12/2024	SO	A, B, C, D, E, F, G, H, I, J
TB-DOC16-061224-0920	N	L2433099-04	06/12/2024	SO	A, B, C, D, E, F
TB-DOC17-061224-0930	N	L2433099-05	06/12/2024	SO	A, B, C, D, E, F
TB-DOC18-061224-0940	N	L2433099-06	06/12/2024	SO	A, B, C, D, E, F
TB-DOC19-061224-1000	N	L2433099-07	06/12/2024	SO	A, B, C, D, E, F
TB-DOC20-061224-1010	N	L2433099-08	06/12/2024	SO	A, B, C, D, E, F
TB-DOC21-061224-1300	N	L2433099-09	06/12/2024	SO	A, B, C, D, E, F, G, H, I, J
TB-DOC22-061224-1320	N	L2433099-10	06/12/2024	SO	A, B, C, D, E, F
4444-061224-0001	FD	L2433099-11	06/12/2024	SO	A, B, C, D, E, F
TB-DOC23-061324-0800	N	L2433539-01	06/13/2024	SO	A, B, C, D, E, F
TB-DOC24-061324-0810	N	L2433539-02	06/13/2024	SO	A, B, C, D, E, F
TB-DOC25-061324-0830	N	L2433539-03	06/13/2024	SO	A, B, C, D, E, F
TB-DOC26-061324-0840	N	L2433539-04	06/13/2024	SO	A, B, C, D, E, F
TB-DOC27-061324-1010	N	L2433539-05	06/13/2024	SO	A, B, C, D, E, F
TB-DOC28-061324-1300	N	L2433539-06	06/13/2024	SO	A, B, C, D, E, F
TB-DOC29-061324-1310	N	L2433539-07	06/13/2024	SO	A, B, C, D, E, F
TB-DOC30-061324-1330	N	L2433539-08	06/13/2024	SO	A, B, C, D, E, F
TB-DOC31-061324-1340	N	L2433539-09	06/13/2024	SO	A, B, C, D, E, F, G, H, I, J
TB-DOC32-061324-1410	N	L2433539-10	06/13/2024	SO	A, B, C, D, E, F
TB-DOC33-061324-1420	N	L2433539-11	06/13/2024	SO	A, B, C, D, E, F
4444-061324-0001	FD	L2433539-12	06/13/2024	SO	A, B, C, D, E, F
TB-DOC36-061424-0900	N	L2433822-01	06/14/2024	SO	A, B, C, D, E, F
TB-DOC37-061424-0910	N	L2433822-02	06/14/2024	SO	A, B, C, D, E, F
4444-061424-0001	FD	L2433822-05	06/14/2024	SO	A, B, C, D, E, F
4444-061424-0002	EB	L2433822-06	06/14/2024	WQ	A, D, F, G, H, I, J, K, L
4444-061424-0003	TB	L2433822-07	06/14/2024	WQ	F
TB-DOC34-061424-0820	N	L2433822-08	06/14/2024	SO	A, B, C, D, E, F
TB-DOC35-061424-0830	N	L2433822-09	06/14/2024	SO	A, B, C, D, E, F
TB-DOC8-060524-0800	N	L2434288-01	06/05/2024	SO	B
TB-DOC9-060524-0820	N	L2434288-02	06/05/2024	SO	B
TB-DOC10-060524-0850	N	L2434288-03	06/05/2024	SO	B
TB-DOC11-060524-0900	N	L2434288-04	06/05/2024	SO	B
TB-DOC12-060524-1000	N	L2434288-05	06/05/2024	SO	B
TB-DOC38-061824-0810	N	L2434436-01	06/18/2024	SO	A, B, C, D, E, F
TB-DOC39-061824-0820	N	L2434436-02	06/18/2024	SO	A, B, C, D, E, F
TB-DOC40-061824-0850	N	L2434436-03	06/18/2024	SO	A, B, C, D, E, F
TB-DOC41-061824-0900	N	L2434436-04	06/18/2024	SO	A, B, C, D, E, F
TB-DOC42-061824-0920	N	L2434436-05	06/18/2024	SO	A, B, C, D, E, F
TB-DOC43-061824-0930	N	L2434436-06	06/18/2024	SO	A, B, C, D, E, F
TB-DOC44-061824-1000	N	L2434436-07	06/18/2024	SO	A, B, C, D, E, F
TB-DOC45-061824-1010	N	L2434436-08	06/18/2024	SO	A, B, C, D, E, F

TABLE 1
SAMPLE MANAGEMENT
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

Sample ID	Sample Type	Lab ID	Sample Date	Matrix	Methods
TB-DOC46-061824-1030	N	L2434436-09	06/18/2024	SO	A, B, C, D, E, F
TB-DOC47-062024-1140	N	L2435063-01	06/20/2024	SO	A, B, C, D, E, F
TB-DOC48-062024-1142	N	L2435063-02	06/20/2024	SO	C, F
TB-DOC49-062024-1145	N	L2435063-03	06/20/2024	SO	A, B, C, G, H, I, J
TB-DOC50-062024-1150	N	L2435063-04	06/20/2024	SO	A, B, C, D, E, F
TB-DOC48-062024-1142	N	L2435588-01	06/20/2024	SO	A, B, C, D, E
TB-DOC51-062424-0720	N	L2435588-02	06/24/2024	SO	A, B, C, D, E, F
TB-DOC52-062424-0730	N	L2435588-03	06/24/2024	SO	A, B, C, D, E, F
TB-DOC53-062424-0740	N	L2435588-04	06/24/2024	SO	A, B, C, D, E, F
TB-DOC54-062424-0750	N	L2435588-05	06/24/2024	SO	A, B, C, D, E, F
TB-DOC55-062424-0800	N	L2435588-06	06/24/2024	SO	A, B, C, D, E, F
TB-DOC56-062424-0815	N	L2435588-07	06/24/2024	SO	A, B, C, D, E, F
TB-DOC57-062424-0830	N	L2435588-08	06/24/2024	SO	A, B, C, D, E, F
TB-DOC58-062424-0840	N	L2435588-09	06/24/2024	SO	A, B, C, D, E, F, G, H, I, J
TB-DOC59-062424-0900	N	L2435588-10	06/24/2024	SO	A, B, C, D, E, F
TB-DOC60-062424-0910	N	L2435588-11	06/24/2024	SO	A, B, C, D, E, F
TB-DOC61-062424-0925	N	L2435588-12	06/24/2024	SO	A, B, C, D, E, F
TB-DOC62-062424-0940	N	L2435588-13	06/24/2024	SO	A, B, C, D, E, F
4444-062424-0001	EB	L2435588-14	06/24/2024	WQ	A, B, D, F, G, H, I, J, K, L
4444-062424-0002	TB	L2435588-15	06/24/2024	WQ	F
TB-DOC63-070824-1050	N	L2438205-01	07/08/2024	SO	C, F
TB-DOC64-070824-1340	N	L2438205-02	07/08/2024	SO	C, F
TB-DOC63-071024-1050	N	L2438667-01	07/10/2024	SO	A, B, C, D, E
TB-DOC64-071024-1030	N	L2438667-02	07/10/2024	SO	A, B, C, D, E

TABLE 2
METHOD HOLDING TIMES
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

Method Holding Times			
A	SW8270E	Semivolatile Organic Compounds (SVOCs) and Polycyclic Aromatic Hydrocarbons (PAHs)	7 days extraction / 40 days analysis for liquid, unpreserved, 14 days extraction / 40 days analysis for solid, unpreserved
B	SW9012B	Cyanide, Total	14 days for liquid, unpreserved, 14 days for solid, unpreserved
C	SM2540G	Total Solids	7 days for solid, unpreserved
D	SW6010D	Metals (by Optical Emission Spectrometry)	180 days for liquid, preserved , 180 days for solid, unpreserved
E	SW7471B	Mercury (in Solids)	28 days analysis for solid, unpreserved
F	SW8260D	Volatile Organic Compounds (VOCs)	14 days for liquid, preserved, 14 days for solid, preserved
G	E1633*	PFAS	28 days extraction / 28 days analysis for liquid, preserved, 28 days extraction / 40 days analysis for solid, preserved
H	SW8081B	ORGANOCHLORINE PESTICIDES	7 days extraction / 40 days analysis for liquid, unpreserved, 14 days extraction / 40 days analysis for solid, unpreserved
I	SW8082A	PCBS	7 days extraction / 40 days analysis for liquid, unpreserved, 14 days extraction / 40 days analysis for solid, unpreserved
J	SW8151A	Chlorinated Herbicides	7 days extraction / 40 days analysis for liquid, unpreserved, 14 days extraction / 40 days analysis for solid, unpreserved
K	SW8270ESIM	Polycyclic Aromatic Hydrocarbons (PAHs)	7 days extraction / 40 days analysis for liquid, unpreserved
L	SW7470A	Mercury (in Liquids)	28 days analysis for solid, unpreserved

* Holding tme specified in NYSDEC guidance

TABLE 3
LCS-LCSD
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

SDG	Sample Type	Method	Batch ID	Analyte	%R/RPD	Qualifier	Affected Samples
L2430944	LLCS	E1633	WG1935798	NEtFOSAA	132%	J/UJ	4444-060424-0001, TB-DOC2-060424-1000, TB-DOC6-060424-1250
L2430944	LLCS	E1633	WG1935798	NFDHA	132%	J/UJ	4444-060424-0001, TB-DOC2-060424-1000, TB-DOC6-060424-1250
L2430944	LCS	E1633	WG1935798	PFDoS	49%	J/UJ	4444-060424-0001, TB-DOC2-060424-1000, TB-DOC6-060424-1250
L2430944	LLCS	E1633	WG1935798	PFDoS	50%	J/UJ	4444-060424-0001, TB-DOC2-060424-1000, TB-DOC6-060424-1250
L2430944	LLCS	E1633	WG1935798	PFOS	137%	J/UJ	4444-060424-0001, TB-DOC2-060424-1000, TB-DOC6-060424-1250
L2430944	LCS	SW8151A	WG1931123	2,4,5-TP (Silvex)	164%	J+/None	None, samples are ND
L2430944	LCSD	SW8260D	WG1932152	Vinyl Chloride	56%	J/UJ	TB-DOC4-060424-1120, TB-DOC6-060424-1250
L2430944	LCSD	SW8260D	WG1932153	Vinyl Chloride	56%	J/UJ	TB-DOC2-060424-1000
L2431345	LCS/LCSD	SW8260D	WG1933153	1,1-Dichloroethane	142%, RPD = 42	J/None	None, samples are ND
L2431345	LCS	SW8260D	WG1933153	Methyl Acetate	156%	J/None	None, samples are ND
L2431345	LCS/LCSD	SW8260D	WG1932766	Methyl Acetate	149%/149%	J/None	None, samples are ND
L2431345	LCS/LCSD	SW8260D	WG1932773	Methyl Acetate	149%/149%	J/None	None, analyte not reported in this batch
L2431345	LCS	SW8260D	WG1932766	Methyl tert butyl ether	131%	J/None	None, samples are ND
L2431345	LCS	SW8260D	WG1932773	Methyl tert butyl ether	131%	J/None	None, analyte not reported in this batch
L2431345	LCS/LCSD	SW8260D	WG1933153	Methyl tert butyl ether	153%/145%	J/None	None, samples are ND
L2433099	LLCS	E1633	WG1937801	NEtFOSAA	151%	J/UJ	TB-DOC15-061224-0850, TB-DOC21-061224-1300
L2433099	LLCS	E1633	WG1937801	PFDoS	64%	J/UJ	TB-DOC15-061224-0850, TB-DOC21-061224-1300
L2433099	LCS	E1633	WG1937801	PFDoS	69%	J/UJ	TB-DOC15-061224-0850, TB-DOC21-061224-1300
L2433099	LLCS	E1633	WG1937801	PFTeDA	137%	J/UJ	TB-DOC15-061224-0850, TB-DOC21-061224-1300
L2433099	LLCS	E1633	WG1937801	PFTrDA	135%	J/UJ	TB-DOC15-061224-0850, TB-DOC21-061224-1300
L2433099	LCS/LCSD	SW8260D	WG1936380	Chloromethane	152%/140%	J/None	None, samples are ND
L2433099	LCS/LCSD	SW8270E	WG1935035	p-Chloro-m-cresol	109%/109%	J+/None	None, samples are ND
L2433539	LCS	E1633	WG1937998	7:3FTCA	160%	J/UJ	TB-DOC31-061324-1340
L2433539	LLCS	E1633	WG1937998	PFDoS	68%	J/UJ	TB-DOC31-061324-1340
L2433539	LCS	SW8260D	WG1937146	Chloromethane	141%	J/None	None, samples are ND
L2433822	LCS	E1633	WG1939435	7:3FTCA	63%	NA	None, only associated with EB
L2433822	LLCS	E1633	WG1939435	7:3FTCA	65%	NA	None, only associated with EB
L2433822	LLCS	E1633	WG1939435	ADONA	134%	NA	None, only associated with EB
L2433822	LLCS	E1633	WG1939435	NEtFOSAA	133%	NA	None, only associated with EB
L2433822	LLCS	E1633	WG1939435	PFDoA	132%	NA	None, only associated with EB
L2433822	LLCS	E1633	WG1939435	PFHpS	132%	NA	None, only associated with EB
L2433822	LLCS	E1633	WG1939435	PFOA	140%	NA	None, only associated with EB
L2433822	LLCS	E1633	WG1939435	PFUnA	138%	NA	None, only associated with EB
L2433822	LCS/LCSD	SW8270E	WG1937164	2,3,4,6-Tetrachlorophenol	28%/20%, RPD = 33	NA	None, only associated with EB
L2433822	LCS/LCSD	SW8270E	WG1937164	2,4,5-Trichlorophenol	27%, RPD = 34	NA	None, only associated with EB
L2433822	LCS/LCSD	SW8270E	WG1937164	2,4,6-Trichlorophenol	29%/21%, RPD = 32	NA	None, only associated with EB
L2433822	LCSD	SW8270E	WG1937194	Carbazole	52%	J-/R	4444-061424-0001, TB-DOC36-061424-0900, TB-DOC34-061424-0820, TB-DOC37-061424-0910
L2433822	LCS/LCSD	SW8270ESIM	WG1937164	Pentachlorophenol	28%/22%	NA	None, only associated with EB
L2434436	LCS/LCSD	SW8260D	WG1939024	Chloromethane	148%/142%	J/None	None, samples are ND
L2435063	LLCS	E1633	WG1941885	NEtFOSAA	140%	J/UJ	TB-DOC49-062024-1145

TABLE 3
LCS-LCSD
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

SDG	Sample Type	Method	Batch ID	Analyte	%R/RPD	Qualifier	Affected Samples
L2435063	LLCS	E1633	WG1941885	PFDoS	44%	J/UJ	TB-DOC49-062024-1145
L2435063	LLCS	E1633	WG1941885	PFTeDA	131%	J/UJ	TB-DOC49-062024-1145
L2435063	LCS	E1633	WG1941885	PFTrDA	137%	J/UJ	TB-DOC49-062024-1145
L2435063	LCS	SW8260D	WG1940221	2-Butanone	69%	J/UJ	TB-DOC47-062024-1140, TB-DOC50-062024-1150, TB-DOC48-062024-1142
L2435588	LLCS	E1633	WG1942903	3:3FTCA	132%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	4:2FTS	133%	J/UJ	TB-DOC58-062424-0840
L2435588	LCS	E1633	WG1943306	7:3FTCA	68%	NA	None, only associated with EB
L2435588	LLCS	E1633	WG1942903	7:3FTCA	183%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	8:2FTS	140%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	9Cl-PF3ONS	138%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	ADONA	144%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	HFPO-DA	134%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	NEtFOSA	142%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	NEtFOSAA	132%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	NEtFOSE	132%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	NFDHA	132%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	PFBS	136%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	PFDA	144%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	PFDoA	139%	J/UJ	TB-DOC58-062424-0840
L2435588	LCS	E1633	WG1942903	PFDoS	68%	J/UJ	TB-DOC58-062424-0840
L2435588	LCS	E1633	WG1943306	PFDoS	68%	NA	None, only associated with EB
L2435588	LLCS	E1633	WG1942903	PFEESA	136%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	PFHpA	136%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	PFHxA	138%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1943306	PFMPA	132%	NA	None, only associated with EB
L2435588	LLCS	E1633	WG1942903	PFOA	144%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	PFOS	145%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	PFPeA	139%	J/UJ	TB-DOC58-062424-0840
L2435588	LCS	E1633	WG1942903	PFTeDA	131%	J/UJ	TB-DOC58-062424-0840
L2435588	LLCS	E1633	WG1942903	PFUnA	142%	J/UJ	TB-DOC58-062424-0840
L2435588	LCS	SW8260D	WG1941630	1,2-Dibromo-3-chloropropane	66%	J/UJ	TB-DOC58-062424-0840, TB-DOC59-062424-0900
L2435588	LCS	SW8260D	WG1941630	2-Hexanone	67%	J/UJ	TB-DOC58-062424-0840, TB-DOC59-062424-0900
L2435588	LCS	SW8260D	WG1941630	4-Methyl-2-pentanone	67%	J/UJ	TB-DOC58-062424-0840, TB-DOC59-062424-0900
L2435588	LCS/LCSD	SW8260D	WG1940679	Acetone	RPD = 55	J/None	None, samples are ND
L2435588	LCS/LCSD	SW8260D	WG1941630	Chloromethane	135%/140%	J/None	None, samples are ND
L2435588	LCS/LCSD	SW8270E	WG1940351	Hexachlorocyclopentadiene	34%/33%	NA	None, only associated with EB
L2435588	LCS	SW8270E	WG1941064	Phenol	95%	J+/None	All field samples in this SDG

TABLE 4
MS PAIRS
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

Lab Sample Number	Matrix Spike/ Matrix Spike Duplicate Sample Client ID	Method(s)
L2430944-01	TB-DOC1-060424-0900	SW9012B
L2433099-08	TB-DOC20-061224-1010	SW8260D, SW8270E, SW6010D, SW7471B, SW9012B
L2433099-11	4444-061224-0001	SW9012B
L2433539-11	TB-DOC33-061324-1420	SW8260D, SW6010D, SW7471B, SW9012B
L2433822-06	4444-061424-0002	SW7471B
L2433822-05	4444-061424-0001	SW9012B
L2434288-01	TB-DOC8-060524-0800	SW9012B
L2434436-05	TB-DOC42-061824-0920	SW8260D, SW8270E, SW6010D, SW7471B, SW9012B
L2435063-03	TB-DOC49-062024-1145	SW9012B
L2435588-09	TB-DOC58-062424-0840	SW8260D, SW8270E, E1633, SW8082A, SW8151A, SW8081B, SW6010D, SW7471B, SW9012B
L2435588-14	4444-062424-0001	SW7471B, SW9012B
L2438667-01	TB-DOC63-071024-1050	SW6010D, SW7471B

SDG	Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
L2433099	MS	SW6010D	TB-DOC20-061224-1010	Copper, Total	67%	J-/UJ	All field samples in this SDG
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	1,1,2,2-Tetrachloroethane	51%/55%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	1,1,2-Trichloroethane	54%/58%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	1,2,3-Trichlorobenzene	11%/12%	J/R	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	1,2,4-Trichlorobenzene	10%/10%	J/R	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	1,2-Dibromo-3-chloropropane	41%/48%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	1,2-Dibromoethane	36%/42%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	1,2-Dichlorobenzene	18%/17%	J/R	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	1,2-Dichloroethane	49%/57%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	1,2-Dichloropropane	62%/65%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	1,3-Dichlorobenzene	16%/15%	J/R	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	1,4-Dichlorobenzene	14%/13%	J/R	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	2-Hexanone	46%/56%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	Benzene	61%/62%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	Bromochloromethane	48%/55%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	Bromodichloromethane	53%/57%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	Bromoform	43%/47%	J/UJ	TB-DOC20-061224-1010
L2433099	MS	SW8260D	TB-DOC20-061224-1010	Carbon disulfide	58%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	Chlorobenzene	28%/28%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	Chloroform	63%/67%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	cis-1,2-Dichloroethene	48%/54%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	cis-1,3-Dichloropropene	34%/39%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	Dibromochloromethane	47%/51%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	Ethylbenzene	31%/28%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	Isopropylbenzene	30%/25%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	Methylene chloride	62%/69%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	o-Xylene	33%/30%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	p/m-Xylene	30%/27%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	Styrene	24%/23%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	Tetrachloroethene	43%/40%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	Toluene	46%/45%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	trans-1,2-Dichloroethene	53%/60%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	trans-1,3-Dichloropropene	24%/30%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8260D	TB-DOC20-061224-1010	Trichloroethene	46%/48%	J/UJ	TB-DOC20-061224-1010
L2433099	MSD	SW8270E	TB-DOC20-061224-1010	2,4-Dinitrophenol	0%	J/R	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8270E	TB-DOC20-061224-1010	3,3'-Dichlorobenzidine	9%/11%	J/R	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8270E	TB-DOC20-061224-1010	4,6-Dinitro-o-cresol	0%/0%	J/R	TB-DOC20-061224-1010
L2433099	MS	SW8270E	TB-DOC20-061224-1010	4-Nitrophenol	0%	J/R	TB-DOC20-061224-1010
L2433099	MSD	SW8270E	TB-DOC20-061224-1010	Benzo(ghi)perylene	27%	J/UJ	TB-DOC20-061224-1010
L2433099	MS/MSD	SW8270E	TB-DOC20-061224-1010	Hexachlorocyclopentadiene	0%/0%	J/R	TB-DOC20-061224-1010
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	1,1,2-Trichloroethane	62%/61%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	1,1-Dichloroethane	69%/69%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	1,1-Dichloroethene	52%/53%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	1,2,3-Trichlorobenzene	13%/13%	J/R	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	1,2,4-Trichlorobenzene	14%/13%	J/R	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	1,2-Dibromo-3-chloropropane	49%/47%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	1,2-Dibromoethane	26%/27%	J/UJ	TB-DOC33-061324-1420

SDG	Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	1,2-Dichlorobenzene	30%/28%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	1,2-Dichloroethane	43%/44%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	1,3-Dichlorobenzene	27%/25%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	1,4-Dichlorobenzene	25%/22%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	1,4-Dioxane	164%/154%	J/None	None, sample is ND
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	2-Hexanone	46%/49%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Benzene	58%/56%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Bromochloromethane	34%/35%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Bromodichloromethane	48%/48%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Bromoform	56%/52%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Carbon disulfide	28%/30%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Chlorobenzene	29%/28%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Chloroform	64%/63%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	cis-1,2-Dichloroethene	30%/30%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	cis-1,3-Dichloropropene	21%/21%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Dibromochloromethane	44%/44%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Ethylbenzene	42%/40%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Isopropylbenzene	66%/63%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Methyl cyclohexane	43%/43%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Methylene chloride	41%/42%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	o-Xylene	47%/46%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	p/m-Xylene	40%/38%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Styrene	23%/22%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Tetrachloroethene	46%/44%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Toluene	49%/47%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	trans-1,2-Dichloroethene	27%/28%	J/UJ	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	trans-1,3-Dichloropropene	17%/17%	J/R	TB-DOC33-061324-1420
L2433539	MS/MSD	SW8260D	TB-DOC33-061324-1420	Trichloroethene	32%/32%	J/UJ	TB-DOC33-061324-1420
L2434436	MS/MSD	SW6010D	TB-DOC42-061824-0920	Copper, Total	278%/64%, RPD = 39	J/UJ	All field samples in this SDG
L2434436	MS/MSD	SW6010D	TB-DOC42-061824-0920	Zinc, Total	183%/61%, RPD = 34	J/UJ	All field samples in this SDG
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	1,1,2,2-Tetrachloroethane	24%/28%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	1,1,2-Trichloroethane	24%/30%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	1,1-Dichloroethane	59%/64%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	1,2,3-Trichlorobenzene	3%/3%	J/R	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	1,2,4-Trichlorobenzene	3%/4%	J/R	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	1,2-Dibromo-3-chloropropane	13%/16%	J/R	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	1,2-Dibromoethane	10%/13%	J/R	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	1,2-Dichlorobenzene	8%/10%	J/R	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	1,2-Dichloroethane	21%/25%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	1,2-Dichloropropane	40%/45%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	1,3-Dichlorobenzene	9%/12%	J/R	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	1,4-Dichlorobenzene	7%/9%	J/R	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	2-Butanone	41%/46%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	2-Hexanone	18%/22%	J/R	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	4-Methyl-2-pentanone	41%/45%	J/UJ	TB-DOC42-061824-0920
L2434436	MS	SW8260D	TB-DOC42-061824-0920	Acetone	51%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	Benzene	46%/52%	J/UJ	TB-DOC42-061824-0920

SDG	Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	Bromochloromethane	21%/26%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	Bromodichloromethane	27%/33%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	Bromoform	18%/22%	J/R	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	Carbon disulfide	46%/54%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	Chlorobenzene	16%/21%	J/R	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	Chloroform	44%/49%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	cis-1,2-Dichloroethene	26%/32%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	cis-1,3-Dichloropropene	11%/15%	J/R	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	Dibromochloromethane	20%/24%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	Ethylbenzene	33%/37%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	Isopropylbenzene	53%/55%	J/UJ	TB-DOC42-061824-0920
L2434436	MS	SW8260D	TB-DOC42-061824-0920	Methyl Acetate	50%	J/UJ	TB-DOC42-061824-0920
L2434436	MS	SW8260D	TB-DOC42-061824-0920	Methyl tert butyl ether	65%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	Methylene chloride	36%/41%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	o-Xylene	29%/34%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	p/m-Xylene	30%/35%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	Styrene	12%/16%	J/R	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	Tetrachloroethene	54%/60%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	Toluene	40%/46%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	trans-1,2-Dichloroethene	38%/46%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	trans-1,3-Dichloropropene	6%/8%	J/R	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8260D	TB-DOC42-061824-0920	Trichloroethene	36%/43%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8270E	TB-DOC42-061824-0920	2,4-Dinitrophenol	0%/0%	J/R	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8270E	TB-DOC42-061824-0920	3,3'-Dichlorobenzidine	17%/24%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8270E	TB-DOC42-061824-0920	4,6-Dinitro-o-cresol	8%/7%	J/R	TB-DOC42-061824-0920
L2434436	MS	SW8270E	TB-DOC42-061824-0920	4-Nitroaniline	36%	J/UJ	TB-DOC42-061824-0920
L2434436	MS	SW8270E	TB-DOC42-061824-0920	Benzo(a)anthracene	14%	J/UJ	TB-DOC42-061824-0920
L2434436	MS	SW8270E	TB-DOC42-061824-0920	Benzo(a)pyrene	0%	J/R	TB-DOC42-061824-0920
L2434436	MS	SW8270E	TB-DOC42-061824-0920	Benzo(b)fluoranthene	7%	NA	None, reported from 5X dilution
L2434436	MS	SW8270E	TB-DOC42-061824-0920	Benzo(ghi)perylene	28%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8270E	TB-DOC42-061824-0920	Benzo(k)fluoranthene	0%/27%	J/R	TB-DOC42-061824-0920
L2434436	MS	SW8270E	TB-DOC42-061824-0920	Chrysene	0%	J/R	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8270E	TB-DOC42-061824-0920	Fluoranthene	14%/34%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8270E	TB-DOC42-061824-0920	Hexachlorocyclopentadiene	12%/11%	J/UJ	TB-DOC42-061824-0920
L2434436	MS	SW8270E	TB-DOC42-061824-0920	Indeno(1,2,3-cd)pyrene	35%	J/UJ	TB-DOC42-061824-0920
L2434436	MS/MSD	SW8270E	TB-DOC42-061824-0920	Pyrene	0%/34%	J/R	TB-DOC42-061824-0920
L2435588	MS/MSD	E1633	TB-DOC58-062424-0840	11Cl-PF3OUdS	136%, RPD = 37	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	E1633	TB-DOC58-062424-0840	7:3FTCA	141%, RPD = 37	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	E1633	TB-DOC58-062424-0840	9Cl-PF3ONS	136%, RPD = 33	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW6010D	TB-DOC58-062424-0840	Arsenic, Total	28%/0%	J-/R	All field samples in this SDG
L2435588	MS/MSD	SW6010D	TB-DOC58-062424-0840	Cadmium, Total	74%/70%	J-/UJ	All field samples in this SDG
L2435588	MSD	SW6010D	TB-DOC58-062424-0840	Chromium, Total	71%	J-/UJ	All field samples in this SDG
L2435588	MS/MSD	SW6010D	TB-DOC58-062424-0840	Copper, Total	51%/37%	J-/UJ	All field samples in this SDG
L2435588	MSD	SW6010D	TB-DOC58-062424-0840	Lead, Total	55%	J-/UJ	All field samples in this SDG
L2435588	MS/MSD	SW6010D	TB-DOC58-062424-0840	Potassium, Total	129%/140%	J+/None	All field samples in this SDG
L2435588	MSD	SW8081B	TB-DOC58-062424-0840	Endrin aldehyde	174%	J/None	None, sample is ND
L2435588	MSD	SW8260D	TB-DOC58-062424-0840	1,1,2,2-Tetrachloroethane	67%	J/UJ	TB-DOC58-062424-0840

TABLE 5
MS-MSD
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

SDG	Sample Type	Method	Parent Sample	Analyte	%R/RPD	Qualifier	Affected Samples
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	1,1,2-Trichloroethane	63%/58%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	1,2,3-Trichlorobenzene	18%/16%	J/R	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	1,2,4-Trichlorobenzene	16%/14%	J/R	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	1,2-Dibromo-3-chloropropane	48%/43%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	1,2-Dibromoethane	26%/26%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	1,2-Dichlorobenzene	32%/26%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	1,2-Dichloroethane	43%/43%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	1,2-Dichloropropane	68%/69%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	1,3-Dichlorobenzene	29%/22%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	1,4-Dichlorobenzene	23%/18%	J/R	TB-DOC58-062424-0840
L2435588	MSD	SW8260D	TB-DOC58-062424-0840	1,4-Dioxane	151%	J/None	None, sample is ND
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	2-Hexanone	47%/48%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	Benzene	66%/64%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	Bromochloromethane	44%/43%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	Bromodichloromethane	49%/49%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	Bromoform	50%/43%	J/UJ	TB-DOC58-062424-0840
L2435588	MSD	SW8260D	TB-DOC58-062424-0840	Carbon disulfide	58%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	Chlorobenzene	33%/30%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	Chloroform	68%/66%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	Chloromethane	135%/131%	J/None	None, sample is ND
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	cis-1,2-Dichloroethene	39%/38%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	cis-1,3-Dichloropropene	22%/22%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	Dibromochloromethane	45%/43%	J/UJ	TB-DOC58-062424-0840
L2435588	MS	SW8260D	TB-DOC58-062424-0840	Dichlorodifluoromethane	151%	J/None	None, sample is ND
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	Ethylbenzene	46%/39%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	Isopropylbenzene	58%, RPD = 32	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	Methylene chloride	56%/56%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	o-Xylene	53%/47%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	p/m-Xylene	47%/40%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	Styrene	23%/20%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	Tetrachloroethene	62%/54%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	Toluene	56%/50%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	trans-1,2-Dichloroethene	48%/45%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	trans-1,3-Dichloropropene	18%/17%	J/R	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8260D	TB-DOC58-062424-0840	Trichloroethene	44%/42%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8270E	TB-DOC58-062424-0840	1,4-Dioxane	39%/39%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8270E	TB-DOC58-062424-0840	2,4-Dinitrophenol	0%/0%	J/R	TB-DOC58-062424-0840
L2435588	MS	SW8270E	TB-DOC58-062424-0840	2-Nitrophenol	28%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8270E	TB-DOC58-062424-0840	3,3'-Dichlorobenzidine	15%/21%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8270E	TB-DOC58-062424-0840	4,6-Dinitro-o-cresol	0%/0%	J/R	TB-DOC58-062424-0840
L2435588	MS	SW8270E	TB-DOC58-062424-0840	4-Nitroaniline	38%	J/UJ	TB-DOC58-062424-0840
L2435588	MS/MSD	SW8270E	TB-DOC58-062424-0840	Hexachlorocyclopentadiene	0%/0%	J/R	TB-DOC58-062424-0840
L2435588	MS	SW8270E	TB-DOC58-062424-0840	Hexachloroethane	39%	J/UJ	TB-DOC58-062424-0840
L2438667	MS	SW6010D	TB-DOC63-071024-1050	Zinc, Total	73%	J-/UJ	All field samples in this SDG
L2438667	MS	SW7471B	TB-DOC63-071024-1050	Mercury, Total	125%	NA	None, within NFG limits

TABLE 6
METHOD BLANKS
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

SDG	Method	Batch ID	Analyte Detected in Blank	Concentration	Unit	Qualifier	Affected Samples
L2430944	SW6010D	WG1930960	Calcium, Total	1.40 J	mg/kg	NA	None, samples >10X blank
L2430944	SW6010D	WG1930960	Iron, Total	1.67 J	mg/kg	NA	None, samples >10X blank
L2430944	SW8260D	WG1932629	Methylene chloride	2.4 J	ug/kg	NA	None, samples are ND
L2430944	SW8260D	WG1932630	Methylene chloride	120 J	ug/kg	RL U	TB-DOC1-060424-0900
L2431345	SW6010D	WG1932608	Iron, Total	2.02	mg/kg	NA	None, samples >10X blank
L2431345	SW8260D	WG1932192	Bromodichloromethane	5.5 J	ug/kg	NA	None, samples are ND
L2431345	SW8260D	WG1932766	Bromomethane	3.2	ug/kg	NA	None, samples are ND
L2431345	SW8260D	WG1932773	Bromomethane	160	ug/kg	NA	None, not reported in this batch
L2431345	SW8260D	WG1933153	Bromomethane	2.9	ug/kg	NA	None, samples are ND
L2431345	SW8260D	WG1932192	Chloroform	31 J	ug/kg	NA	None, samples are ND
L2431345	SW8260D	WG1932192	Styrene	35 J	ug/kg	NA	None, samples are ND
L2433099	SW6010D	WG1935625	Iron, Total	5.88	mg/kg	NA	None, samples >10X blank
L2433099	SW6010D	WG1935625	Manganese, Total	0.082 J	mg/kg	NA	None, samples >10X blank
L2433099	SW8260D	WG1936380	Chloroform	0.31 J	ug/kg	NA	None, samples are ND
6	SW8270E	WG1935035	Phenol	25 J	ug/kg	RL U	TB-DOC20-061224-1010, TB-DOC13-061224-0830, TB-DOC19-061224-1000
L2433539	SW6010D	WG1936534	Antimony, Total	0.176 J	mg/kg	RL U	TB-DOC23-061324-0800, TB-DOC25-061324-0830, TB-DOC27-061324-1010, TB-DOC28-061324-1300, TB-DOC29-061324-1310, TB-DOC24-061324-0810, TB-DOC26-061324-0840, TB-DOC30-061324-1330, TB-DOC32-061324-1410
L2433539	SW6010D	WG1936534	Arsenic, Total	0.128 J	mg/kg	NA	None, samples >10X blank
L2433539	SW6010D	WG1936544	Calcium, Total	1.91 J	mg/kg	NA	None, samples >10X blank
L2433539	SW6010D	WG1936534	Iron, Total	10.5	mg/kg	NA	None, samples >10X blank
L2433539	SW6010D	WG1936544	Iron, Total	1.23 J	mg/kg	NA	None, samples >10X blank
L2433539	SW6010D	WG1936534	Manganese, Total	0.071 J	mg/kg	NA	None, samples >10X blank
L2433539	SW6010D	WG1936544	Manganese, Total	0.124 J	mg/kg	NA	None, samples >10X blank
L2433539	SW6010D	WG1936544	Sodium, Total	1.27 J	mg/kg	RL U	TB-DOC33-061324-1420, 4444-061324-0001
L2433539	SW8260D	WG1937092	Bromomethane	2	ug/kg	NA	None, results reported from high level methanol run
L2433539	SW8260D	WG1937092	Methylene chloride	3.7 J	ug/kg	NA	None, results reported from high level methanol run
L2433539	SW8260D	WG1937146	Methylene chloride	4.2 J	ug/kg	NA	None, samples are ND
L2433822	E1633	WG1939435	Perfluorobutanoic Acid (PFBA)	1.48 J	ng/l	RL U	4444-061424-0002
L2433822	SW6010D	WG1936692	Iron, Total	0.970 J	mg/kg	NA	None, samples >10X blank
L2433822	SW8260D	WG1937092	Bromomethane	2	ug/kg	NA	None, samples are ND
L2433822	SW8260D	WG1937639	Bromomethane	98 J	ug/kg	RL U	4444-061424-0001
L2433822	SW8260D	WG1937650	Bromomethane	2	ug/kg	NA	None, samples are ND

TABLE 6
METHOD BLANKS
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

SDG	Method	Batch ID	Analyte Detected in Blank	Concentration	Unit	Qualifier	Affected Samples
L2433822	SW8260D	WG1937092	Methylene chloride	3.7 J	ug/kg	RL U	TB-DOC36-061424-0900
L2433822	SW8260D	WG1937639	Methylene chloride	180 J	ug/kg	NA	None, samples are ND
L2433822	SW8260D	WG1937650	Methylene chloride	2.4 J	ug/kg	NA	None, samples are ND
L2434436	SW6010D	WG1937869	Iron, Total	0.764 J	mg/kg	NA	None, samples >10X blank
L2434436	SW8260D	WG1938509	Methylene chloride	160 J	ug/kg	NA	None, samples are ND
L2434436	SW8260D	WG1938999	Methylene chloride	3.3 J	ug/kg	NA	None, samples are ND
L2434436	SW8260D	WG1939024	Methylene chloride	2.9 J	ug/kg	NA	None, samples are ND
L2435063	SW6010D	WG1939328	Aluminum, Total	1.20 J	mg/kg	NA	None, samples >10X blank
L2435063	SW6010D	WG1939328	Calcium, Total	1.85 J	mg/kg	NA	None, samples >10X blank
L2435063	SW6010D	WG1939328	Iron, Total	2.11	mg/kg	NA	None, samples >10X blank
L2435063	SW6010D	WG1939328	Magnesium, Total	0.723 J	mg/kg	NA	None, samples >10X blank
L2435063	SW6010D	WG1939328	Manganese, Total	0.185 J	mg/kg	NA	None, samples >10X blank
L2435063	SW6010D	WG1939328	Zinc, Total	0.185 J	mg/kg	NA	None, samples >10X blank
L2435063	SW8260D	WG1940221	Chloroform	0.26 J	ug/kg	NA	None, samples are ND
L2435063	SW8260D	WG1940221	Methylene chloride	2.7 J	ug/kg	NA	None, samples are ND
L2435588	E1633	WG1943306	Perfluorobutanoic Acid (PFBA)	1.58 J	ng/l	RL U	4444-062424-0001
L2435588	SW6010D	WG1940363	Iron, Total	0.710 J	mg/kg	NA	None, samples >10X blank
L2435588	SW8260D	WG1940791	Chloroform	0.25 J	ug/kg	NA	None, samples are ND
L2435588	SW8260D	WG1940850	Chloroform	0.60 J	ug/kg	NA	None, samples are ND
L2435588	SW8260D	WG1940854	Chloroform	16 J	ug/kg	RL U	TB-DOC57-062424-0830, TB-DOC61-062424-0925
L2435588	SW8260D	WG1941630	Chloroform	0.35 J	ug/kg	NA	None, samples are ND
L2435588	SW8260D	WG1941642	Chloroform	0.14 J	ug/kg	NA	None, samples are ND
L2435588	SW8260D	WG1941630	Methylene chloride	2.4 J	ug/kg	NA	None, samples are ND
L2438205	SW8260D	WG1944860	Chloroform	25 J	ug/kg	NA	None, samples are ND
L2438667	SW6010D	WG1946103	Arsenic, Total	0.106 J	mg/kg	NA	None, samples >10X blank
L2438667	SW6010D	WG1946103	Iron, Total	1.07 J	mg/kg	NA	None, samples >10X blank

TABLE 7
FIELD BLANKS
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

Sample ID	Date of Blank	Method	Analyte Detected in Blank	Concentration	Unit	Qualifier	Affected Samples
4444-061424-0002	6/14/2024	SW6010D	Antimony	0.0112 J	mg/L	RL U	TB-DOC34-061424-0820, TB-DOC36-061424-0900, 4444-061424-0001, TB-DOC35-061424-0830, TB-DOC37-061424-0910
4444-061424-0002	6/14/2024	SW6010D	Calcium	0.207	mg/L	NA	None, samples >10X blank
4444-061424-0002	6/14/2024	SW6010D	Copper	0.0022 J	mg/L	NA	None, samples >10X blank
4444-061424-0002	6/14/2024	SW6010D	Iron	0.0169 J	mg/L	NA	None, samples >10X blank
4444-061424-0002	6/14/2024	SW6010D	Magnesium	0.028 J	mg/L	NA	None, samples >10X blank
4444-061424-0002	6/14/2024	SW8260D	2-Butanone (Methyl Ethyl Ketone)	3.9 J	ug/L	NA	None, samples are ND
4444-061424-0002	6/14/2024	SW8260D	Acetone	10	ug/L	RL U	TB-DOC34-061424-0820
4444-061424-0002	6/14/2024	SW8270E	Phenol	0.54 J	ug/L	NA	None, samples are ND
4444-061424-0002	6/14/2024	SW8270ESIM	Benzo(a)anthracene	0.06 J	ug/L	NA	None, samples >10X blank
4444-061424-0002	6/14/2024	SW8270ESIM	Benzo(a)pyrene	0.08 J	ug/L	NA	None, samples >10X blank
4444-061424-0002	6/14/2024	SW8270ESIM	Benzo(b)fluoranthene	0.09 J	ug/L	NA	None, samples >10X blank
4444-061424-0002	6/14/2024	SW8270ESIM	Benzo(g,h,i)perylene	0.06 J	ug/L	NA	None, samples >10X blank
4444-061424-0002	6/14/2024	SW8270ESIM	Chrysene	0.06 J	ug/L	NA	None, samples >10X blank
4444-061424-0002	6/14/2024	SW8270ESIM	Fluoranthene	0.12	ug/L	NA	None, samples >10X blank
4444-061424-0002	6/14/2024	SW8270ESIM	Indeno(1,2,3-cd)pyrene	0.05 J	ug/L	NA	None, samples >10X blank
4444-061424-0002	6/14/2024	SW8270ESIM	Naphthalene	0.04 J	ug/L	NA	None, samples >10X blank
4444-061424-0002	6/14/2024	SW8270ESIM	Pyrene	0.13	ug/L	NA	None, samples >10X blank
4444-062424-0001	6/24/2024	SW6010D	Calcium	0.228	mg/L	NA	None, samples >10X blank
4444-062424-0001	6/24/2024	SW6010D	Iron	0.0263 J	mg/L	NA	None, samples >10X blank
4444-062424-0001	6/24/2024	SW6010D	Magnesium	0.0272 J	mg/L	NA	None, samples >10X blank
4444-062424-0001	6/24/2024	SW6010D	Manganese	0.0017 J	mg/L	NA	None, samples >10X blank
4444-062424-0001	6/24/2024	SW6010D	Zinc	0.0065 J	mg/L	NA	None, samples >10X blank
4444-062424-0001	6/24/2024	SW8270E	Phenol	1.9 J	ug/L	NA	None, samples >10X blank
4444-062424-0001	6/24/2024	SW8270ESIM	Fluoranthene	0.03 J	ug/L	NA	None, samples >10X blank

Field Duplicate RPD Calculations :

Method	Analyte	Units	Primary Sample ID	Duplicate Sample ID	% RPD	Qualification
			TB-DOC2-060424-1000	4444-060424-0001		
SW8270E	Phenanthrene	ug/kg	960	280	NA	J/UJ, Abs. Diff. > RL
SW8270E	Butyl benzylphthalate (BBP)	ug/kg	1600	910	NA	J/UJ, Abs. Diff. > RL
SW8270E	Anthracene	ug/kg	300	81	NA	J/UJ, Abs. Diff. > RL
SW8270E	Pyrene	ug/kg	1100	400	NA	J/UJ, Abs. Diff. > RL
SW8270E	Benzo(g,h,i)perylene	ug/kg	530	300	NA	J/UJ, Abs. Diff. > RL
SW8270E	Indeno(1,2,3-cd)pyrene	ug/kg	450	250	NA	J/UJ, Abs. Diff. > RL
SW8270E	Benzo(b)fluoranthene	ug/kg	810	450	NA	J/UJ, Abs. Diff. > RL
SW8270E	Fluoranthene	ug/kg	1200	410	NA	J/UJ, Abs. Diff. > RL
SW8270E	Benzo(k)fluoranthene	ug/kg	240	100	NA	J/UJ, Abs. Diff. > RL
SW8270E	Chrysene	ug/kg	660	310	NA	J/UJ, Abs. Diff. > RL
SW8270E	Benzo(a)pyrene	ug/kg	620	320	NA	J/UJ, Abs. Diff. > RL
SW8270E	Benzo(a)anthracene	ug/kg	640	270	NA	J/UJ, Abs. Diff. > RL

Method	Analyte	Units	Primary Sample ID	Duplicate Sample ID	% RPD	Qualification
			TB-DOC13-061224-0830	4444-061224-0001		
SW8270E	Benzo(k)fluoranthene	ug/kg	2200	3900	NA	J/UJ, Abs. Diff. > RL

Method	Analyte	Units	Primary Sample ID	Duplicate Sample ID	% RPD	Qualification
			TB-DOC24-061324-0810	4444-061324-0001		
SW6010D	Nickel	mg/kg	105	335	105	J/UJ, RPD>50
SW6010D	Chromium	mg/kg	77.2	589	154	J/UJ, RPD>50
SW7471B	Mercury	mg/kg	14.1	3.83	115	J/UJ, RPD>50
SW8270E	Naphthalene	ug/kg	350	550	NA	J/UJ, Abs. Diff. > RL
SW8270E	Anthracene	ug/kg	430	1000	NA	J/UJ, Abs. Diff. > RL
SW8270E	Fluoranthene	ug/kg	2700	330	NA	J/UJ, Abs. Diff. > RL
SW8270E	Acenaphthylene	ug/kg	310	750	NA	J/UJ, Abs. Diff. > RL

Method	Analyte	Units	Primary Sample ID	Duplicate Sample ID	% RPD	Qualification
			TB-DOC36-061424-0900	4444-061424-0001		
SW8270E	Naphthalene		560	830	NA	J/UJ, Abs. Diff. > RL
SW8270E	2-Methylnaphthalene		480	800	NA	J/UJ, Abs. Diff. > RL

Sample ID	Lab ID	Standard Name	%Recovery	Qualifier	Target analytes
TB-DOC2-060424-1000	L2430944-02	1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	152%	J/UJ	4:2 FTS
TB-DOC2-060424-1000	L2430944-02	1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	160%	J/UJ	8:2 FTS
TB-DOC6-060424-1250	L2430944-06	1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	165%	J/UJ	4:2 FTS
TB-DOC6-060424-1250	L2430944-06	1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	166%	J/UJ	8:2 FTS
TB-DOC49-062024-1145	L2435063-03	N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	175%	J/UJ	NMeFOSAA
TB-DOC49-062024-1145	L2435063-03	Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47%	J/UJ	PFTeDA and PFTrDA
TB-DOC49-062024-1145	L2435063-03	N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	48%	J/UJ	NMeFOSA
TB-DOC58-062424-0840	L2435588-09	1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	168%	J/UJ	8:2 FTS

TABLE 10
SYSTEM PERFORMANCE SUMMARY
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2430944	SW8260D	NA	TB-DOC1-060424-0900	L2430944-01	Methylene chloride (Dichloromethane)	N	Yes	990 J	2100.0 U	MBK
L2430944	SW8260D	NA	TB-DOC1-060424-0900	L2430944-01	Trichloroethene	N	No	160000	160000	EXE
L2430944	SW8270E	NA	TB-DOC1-060424-0900	L2430944-01	Butyl benzylphthalate (BBP)	N	No	8600	8600	EXE
L2430944	E1633	NA	TB-DOC2-060424-1000	L2430944-02	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	N	Yes	U	UJ	IDL
L2430944	E1633	NA	TB-DOC2-060424-1000	L2430944-02	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	N	Yes	U	UJ	IDL
L2430944	E1633	NA	TB-DOC2-060424-1000	L2430944-02	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	N	Yes	U	UJ	LCS
L2430944	E1633	NA	TB-DOC2-060424-1000	L2430944-02	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	N	Yes	U	UJ	LCS
L2430944	E1633	NA	TB-DOC2-060424-1000	L2430944-02	Perfluorododecane sulfonic acid (PFDoDS)	N	Yes	U	UJ	LCS
L2430944	E1633	NA	TB-DOC2-060424-1000	L2430944-02	Perfluorooctanesulfonic acid (PFOS)	N	Yes	0.672	0.672 J	LCS
L2430944	SW8081B	NA	TB-DOC2-060424-1000	L2430944-02	4,4'-DDT	N	Yes	1.94	1.94 J	RPD
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	1,1,1-Trichloroethane	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	1,1,2,2-Tetrachloroethane	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	1,1,2-Trichloroethane	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	1,1-Dichloroethane	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	1,1-Dichloroethene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	1,2,3-Trichlorobenzene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	1,2,4-Trichlorobenzene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	1,2-Dichlorobenzene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	1,2-Dichloroethane	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	1,2-Dichloropropane	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	1,3-Dichlorobenzene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	1,4-Dichlorobenzene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	1,4-Dioxane	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	2-Butanone (Methyl Ethyl Ketone)	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	2-Hexanone (Methyl Butyl Ketone)	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Acetone	N	No	12	12	ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Benzene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Bromodichloromethane	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Bromoform	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Bromomethane (Methyl Bromide)	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Carbon disulfide	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Carbon tetrachloride	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Chlorobenzene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Chlorobromomethane	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Chloroethane	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Chloroform (Trichloromethane)	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Chloromethane (Methyl Chloride)	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	cis-1,2-Dichloroethene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	cis-1,3-Dichloropropene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Cyclohexane	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Dibromochloromethane	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Dichlorodifluoromethane (CFC-12)	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Ethylbenzene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Isopropylbenzene (Cumene)	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	m,p-Xylenes	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Methyl acetate	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Methyl Tert Butyl Ether (MTBE)	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Methylcyclohexane	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Methylene chloride (Dichloromethane)	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	o-Xylene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Styrene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Tetrachloroethene	N	No	0.46 J	0.46	ARA

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Toluene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	trans-1,2-Dichloroethene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	trans-1,3-Dichloropropene	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Trichloroethene	N	No	8.6	8.6	ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Trichlorofluoromethane (CFC-11)	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Trifluorotrichloroethane (Freon 113)	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Vinyl chloride	N	No	U		ARA
L2430944	SW8260D	NA	TB-DOC2-060424-1000	L2430944-02	Vinyl chloride	N	Yes	U	UJ	LCS
L2430944	SW8270E	NA	TB-DOC2-060424-1000	L2430944-02	Anthracene	N	Yes	300	300 J+	SUR, FDP
L2430944	SW8270E	NA	TB-DOC2-060424-1000	L2430944-02	Benzo(a)anthracene	N	Yes	640	640 J+	SUR, FDP
L2430944	SW8270E	NA	TB-DOC2-060424-1000	L2430944-02	Benzo(a)pyrene	N	Yes	620	620 J+	SUR, FDP
L2430944	SW8270E	NA	TB-DOC2-060424-1000	L2430944-02	Benzo(b)fluoranthene	N	Yes	810	810 J+	SUR, FDP
L2430944	SW8270E	NA	TB-DOC2-060424-1000	L2430944-02	Benzo(g,h,i)perylene	N	Yes	530	530 J+	SUR, FDP
L2430944	SW8270E	NA	TB-DOC2-060424-1000	L2430944-02	Benzo(k)fluoranthene	N	Yes	240	240 J+	SUR, FDP
L2430944	SW8270E	NA	TB-DOC2-060424-1000	L2430944-02	Butyl benzylphthalate (BBP)	N	Yes	1600	1600 J	FDP
L2430944	SW8270E	NA	TB-DOC2-060424-1000	L2430944-02	Chrysene	N	Yes	660	660 J+	SUR, FDP
L2430944	SW8270E	NA	TB-DOC2-060424-1000	L2430944-02	Dibenz(a,h)anthracene	N	Yes	120	120 J+	SUR
L2430944	SW8270E	NA	TB-DOC2-060424-1000	L2430944-02	Fluoranthene	N	Yes	1200	1200 J+	SUR, FDP
L2430944	SW8270E	NA	TB-DOC2-060424-1000	L2430944-02	Indeno(1,2,3-cd)pyrene	N	Yes	450	450 J+	SUR, FDP
L2430944	SW8270E	NA	TB-DOC2-060424-1000	L2430944-02	Phenanthrene	N	Yes	960	960 J+	SUR, FDP
L2430944	SW8270E	NA	TB-DOC2-060424-1000	L2430944-02	Pyrene	N	Yes	1100	1100 J+	SUR, FDP
L2430944	SW8260D	NA	TB-DOC4-060424-1120	L2430944-04	Vinyl chloride	N	Yes	U	UJ	LCS
L2430944	E1633	NA	TB-DOC6-060424-1250	L2430944-06	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	N	Yes	U	UJ	IDL
L2430944	E1633	NA	TB-DOC6-060424-1250	L2430944-06	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	N	Yes	U	UJ	IDL
L2430944	E1633	NA	TB-DOC6-060424-1250	L2430944-06	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	N	Yes	U	UJ	LCS
L2430944	E1633	NA	TB-DOC6-060424-1250	L2430944-06	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	N	Yes	U	UJ	LCS
L2430944	E1633	NA	TB-DOC6-060424-1250	L2430944-06	Perfluorododecane sulfonic acid (PFDoDS)	N	Yes	U	UJ	LCS
L2430944	E1633	NA	TB-DOC6-060424-1250	L2430944-06	Perfluorooctanesulfonic acid (PFOS)	N	Yes	0.985	0.985 J	LCS
L2430944	SW8260D	NA	TB-DOC6-060424-1250	L2430944-06	Vinyl chloride	N	Yes	U	UJ	LCS
L2430944	SW8270E	NA	TB-DOC6-060424-1250	L2430944-06	Fluoranthene	N	No	12000	12000	EXE
L2430944	SW8270E	NA	TB-DOC6-060424-1250	L2430944-06	Phenanthrene	N	No	9900	9900	EXE
L2430944	SW8270E	NA	TB-DOC6-060424-1250	L2430944-06	Pyrene	N	No	9100	9100	EXE
L2430944	SW8270E	NA	TB-DOC7-060424-1320	L2430944-07	Benzo(a)anthracene	N	No	19000	19000	EXE
L2430944	SW8270E	NA	TB-DOC7-060424-1320	L2430944-07	Benzo(a)pyrene	N	No	14000	14000	EXE
L2430944	SW8270E	NA	TB-DOC7-060424-1320	L2430944-07	Benzo(b)fluoranthene	N	No	22000	22000	EXE
L2430944	SW8270E	NA	TB-DOC7-060424-1320	L2430944-07	Benzo(g,h,i)perylene	N	No	9900	9900	EXE
L2430944	SW8270E	NA	TB-DOC7-060424-1320	L2430944-07	Chrysene	N	No	13000	13000	EXE
L2430944	SW8270E	NA	TB-DOC7-060424-1320	L2430944-07	Fluoranthene	N	No	24000	24000	EXE
L2430944	SW8270E	NA	TB-DOC7-060424-1320	L2430944-07	Indeno(1,2,3-cd)pyrene	N	No	9600	9600	EXE
L2430944	SW8270E	NA	TB-DOC7-060424-1320	L2430944-07	Phenanthrene	N	No	18000	18000	EXE
L2430944	SW8270E	NA	TB-DOC7-060424-1320	L2430944-07	Pyrene	N	No	20000	20000	EXE
L2430944	E1633	NA	4444-060424-0001	L2430944-08	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	N	Yes	U	UJ	LCS
L2430944	E1633	NA	4444-060424-0001	L2430944-08	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	N	Yes	U	UJ	LCS
L2430944	E1633	NA	4444-060424-0001	L2430944-08	Perfluorododecane sulfonic acid (PFDoDS)	N	Yes	U	UJ	LCS
L2430944	E1633	NA	4444-060424-0001	L2430944-08	Perfluorooctanesulfonic acid (PFOS)	N	Yes	0.749	0.749 J	LCS
L2430944	SW8081B	NA	4444-060424-0001	L2430944-08	4,4'-DDT	N	Yes	2.34	2.34 J	RPD
L2430944	SW8270E	NA	4444-060424-0001	L2430944-08	Anthracene	N	Yes	81 J	81 J	FDP
L2430944	SW8270E	NA	4444-060424-0001	L2430944-08	Benzo(a)anthracene	N	Yes	270	270 J	FDP
L2430944	SW8270E	NA	4444-060424-0001	L2430944-08	Benzo(a)pyrene	N	Yes	320	320 J	FDP
L2430944	SW8270E	NA	4444-060424-0001	L2430944-08	Benzo(b)fluoranthene	N	Yes	450	450 J	FDP
L2430944	SW8270E	NA	4444-060424-0001	L2430944-08	Benzo(g,h,i)perylene	N	Yes	300	300 J	FDP
L2430944	SW8270E	NA	4444-060424-0001	L2430944-08	Benzo(k)fluoranthene	N	Yes	100 J	100 J	FDP
L2430944	SW8270E	NA	4444-060424-0001	L2430944-08	Butyl benzylphthalate (BBP)	N	Yes	910	910 J	FDP
L2430944	SW8270E	NA	4444-060424-0001	L2430944-08	Chrysene	N	Yes	310	310 J	FDP
L2430944	SW8270E	NA	4444-060424-0001	L2430944-08	Fluoranthene	N	Yes	410	410 J	FDP

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2430944	SW8270E	NA	4444-060424-0001	L2430944-08	Indeno(1,2,3-cd)pyrene	N	Yes	250	250 J	FDP
L2430944	SW8270E	NA	4444-060424-0001	L2430944-08	Phenanthrene	N	Yes	280	280 J	FDP
L2430944	SW8270E	NA	4444-060424-0001	L2430944-08	Pyrene	N	Yes	400	400 J	FDP
L2431345	SW8270E	NA	TB-DOC8-060524-0800	L2431345-01	Benzo(a)anthracene	N	No	8100	8100	EXE
L2431345	SW8270E	NA	TB-DOC8-060524-0800	L2431345-01	Benzo(b)fluoranthene	N	No	12000	12000	EXE
L2431345	SW8270E	NA	TB-DOC8-060524-0800	L2431345-01	Chrysene	N	No	8000	8000	EXE
L2431345	SW8270E	NA	TB-DOC8-060524-0800	L2431345-01	Fluoranthene	N	No	14000	14000	EXE
L2431345	SW8270E	NA	TB-DOC8-060524-0800	L2431345-01	Phenanthrene	N	No	9000	9000	EXE
L2431345	SW8270E	NA	TB-DOC8-060524-0800	L2431345-01	Pyrene	N	No	11000	11000	EXE
L2431345	SW8260D	NA	TB-DOC10-060524-0850	L2431345-03	Trichloroethene	N	No	27000	27000	EXE
L2431345	SW8270E	NA	TB-DOC10-060524-0850	L2431345-03	Benzo(a)anthracene	N	No	7300	7300	EXE
L2431345	SW8270E	NA	TB-DOC10-060524-0850	L2431345-03	Benzo(b)fluoranthene	N	No	12000	12000	EXE
L2431345	SW8270E	NA	TB-DOC10-060524-0850	L2431345-03	Chrysene	N	No	7500	7500	EXE
L2431345	SW8270E	NA	TB-DOC10-060524-0850	L2431345-03	Fluoranthene	N	No	11000	11000	EXE
L2431345	SW8270E	NA	TB-DOC10-060524-0850	L2431345-03	Pyrene	N	No	10000	10000	EXE
L2431345	SW8270E	NA	TB-DOC11-060524-0900	L2431345-04	Benzo(a)anthracene	N	No	11000	11000	EXE
L2431345	SW8270E	NA	TB-DOC11-060524-0900	L2431345-04	Benzo(a)pyrene	N	No	9200	9200	EXE
L2431345	SW8270E	NA	TB-DOC11-060524-0900	L2431345-04	Benzo(b)fluoranthene	N	No	12000	12000	EXE
L2431345	SW8270E	NA	TB-DOC11-060524-0900	L2431345-04	Chrysene	N	No	9200	9200	EXE
L2431345	SW8270E	NA	TB-DOC11-060524-0900	L2431345-04	Fluoranthene	N	No	16000	16000	EXE
L2431345	SW8270E	NA	TB-DOC11-060524-0900	L2431345-04	Phenanthrene	N	No	10000	10000	EXE
L2431345	SW8270E	NA	TB-DOC11-060524-0900	L2431345-04	Pyrene	N	No	14000	14000	EXE
L2431345	SW8270E	NA	TB-DOC12-060524-1000	L2431345-05	Benzo(b)fluoranthene	N	No	12000	12000	EXE
L2431345	SW8270E	NA	TB-DOC12-060524-1000	L2431345-05	Pyrene	N	No	7400	7400	EXE
L2433099	SW6010D	NA	TB-DOC13-061224-0830	L2433099-01	Copper	N	Yes	164	164 J-	MSD
L2433099	SW8270E	NA	TB-DOC13-061224-0830	L2433099-01	Benzo(b)fluoranthene	N	No	11000	11000	EXE
L2433099	SW8270E	NA	TB-DOC13-061224-0830	L2433099-01	Benzo(k)fluoranthene	N	Yes	2200	2200 J	FDP
L2433099	SW8270E	NA	TB-DOC13-061224-0830	L2433099-01	Phenol	N	Yes	74 J	180.0 U	MBK
L2433099	SW6010D	NA	TB-DOC14-061224-0840	L2433099-02	Copper	N	Yes	130	130 J-	MSD
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	1,1,1-Trichloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	1,1,2,2-Tetrachloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	1,1,2-Trichloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	1,1-Dichloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	1,1-Dichloroethene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	1,2,3-Trichlorobenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	1,2,4-Trichlorobenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	1,2-Dichlorobenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	1,2-Dichloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	1,2-Dichloropropane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	1,3-Dichlorobenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	1,4-Dichlorobenzene	N	No	0.48 J	0.48	ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	1,4-Dioxane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	2-Butanone (Methyl Ethyl Ketone)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	2-Hexanone (Methyl Butyl Ketone)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Acetone	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Benzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Bromodichloromethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Bromoform	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Bromomethane (Methyl Bromide)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Carbon disulfide	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Carbon tetrachloride	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Chlorobenzene	N	No	0.36 J	0.36	ARA

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Chlorobromomethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Chloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Chloroform (Trichloromethane)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Chloromethane (Methyl Chloride)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	cis-1,2-Dichloroethene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	cis-1,3-Dichloropropene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Cyclohexane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Dibromochloromethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Dichlorodifluoromethane (CFC-12)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Ethylbenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Isopropylbenzene (Cumene)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	m,p-Xylenes	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Methyl acetate	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Methyl Tert Butyl Ether (MTBE)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Methylcyclohexane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Methylene chloride (Dichloromethane)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	o-Xylene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Styrene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Tetrachloroethene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Toluene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	trans-1,2-Dichloroethene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	trans-1,3-Dichloropropene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Trichloroethene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Trichlorofluoromethane (CFC-11)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Trifluorotrichloroethane (Freon 113)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC14-061224-0840	L2433099-02	Vinyl chloride	N	No	U		ARA
L2433099	E1633	NA	TB-DOC15-061224-0850	L2433099-03	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	N	Yes	U	UJ	LCS
L2433099	E1633	NA	TB-DOC15-061224-0850	L2433099-03	Perfluorododecane sulfonic acid (PFDoDS)	N	Yes	U	UJ	LCS
L2433099	E1633	NA	TB-DOC15-061224-0850	L2433099-03	Perfluorotetradecanoic acid (PFTeDA)	N	Yes	U	UJ	LCS
L2433099	E1633	NA	TB-DOC15-061224-0850	L2433099-03	Perfluorotridecanoic acid (PFTrDA)	N	Yes	U	UJ	LCS
L2433099	SW6010D	NA	TB-DOC15-061224-0850	L2433099-03	Copper	N	Yes	99.6	99.6 J-	MSD
L2433099	SW8081B	NA	TB-DOC15-061224-0850	L2433099-03	Chlordane	N	Yes	10.2 J	10.2 J	RPD
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,1,1-Trichloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,1,1-Trichloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,1,2,2-Tetrachloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,1,2,2-Tetrachloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,1,2-Trichloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,1,2-Trichloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,1-Dichloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,1-Dichloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,1-Dichloroethene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,1-Dichloroethene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,2,3-Trichlorobenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,2,3-Trichlorobenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,2,4-Trichlorobenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,2,4-Trichlorobenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,2-Dichlorobenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,2-Dichlorobenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,2-Dichloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,2-Dichloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,2-Dichloropropane	N	No	U		ARA

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,2-Dichloropropane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,3-Dichlorobenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,3-Dichlorobenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,4-Dichlorobenzene	N	No	0.72 J	0.72	ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,4-Dichlorobenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,4-Dioxane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	1,4-Dioxane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	2-Butanone (Methyl Ethyl Ketone)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	2-Butanone (Methyl Ethyl Ketone)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	2-Hexanone (Methyl Butyl Ketone)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	2-Hexanone (Methyl Butyl Ketone)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Acetone	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Acetone	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Benzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Benzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Bromodichloromethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Bromodichloromethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Bromoform	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Bromoform	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Bromomethane (Methyl Bromide)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Bromomethane (Methyl Bromide)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Carbon disulfide	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Carbon disulfide	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Carbon tetrachloride	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Carbon tetrachloride	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Chlorobenzene	N	No	0.54	0.54	ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Chlorobenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Chlorobromomethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Chlorobromomethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Chloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Chloroethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Chloroform (Trichloromethane)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Chloroform (Trichloromethane)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Chloromethane (Methyl Chloride)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Chloromethane (Methyl Chloride)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	cis-1,2-Dichloroethene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	cis-1,2-Dichloroethene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	cis-1,3-Dichloropropene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	cis-1,3-Dichloropropene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Cyclohexane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Cyclohexane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Dibromochloromethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Dibromochloromethane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Dichlorodifluoromethane (CFC-12)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Dichlorodifluoromethane (CFC-12)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Ethylbenzene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Ethylbenzene	N	No	0.53 J	0.53	ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Isopropylbenzene (Cumene)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Isopropylbenzene (Cumene)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	m,p-Xylenes	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	m,p-Xylenes	N	No	0.74 J	0.74	ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Methyl acetate	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Methyl acetate	N	No	U		ARA

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Methyl Tert Butyl Ether (MTBE)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Methyl Tert Butyl Ether (MTBE)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Methylcyclohexane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Methylcyclohexane	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Methylene chloride (Dichloromethane)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Methylene chloride (Dichloromethane)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	o-Xylene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	o-Xylene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Styrene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Styrene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Tetrachloroethene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Tetrachloroethene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Toluene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Toluene	N	No	0.63 J	0.63	ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	trans-1,2-Dichloroethene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	trans-1,2-Dichloroethene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	trans-1,3-Dichloropropene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	trans-1,3-Dichloropropene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Trichloroethene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Trichloroethene	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Trichlorofluoromethane (CFC-11)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Trichlorofluoromethane (CFC-11)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Trifluorotrichloroethane (Freon 113)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Trifluorotrichloroethane (Freon 113)	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Vinyl chloride	N	No	U		ARA
L2433099	SW8260D	NA	TB-DOC15-061224-0850	L2433099-03	Vinyl chloride	N	No	U		ARA
L2433099	SW6010D	NA	TB-DOC16-061224-0920	L2433099-04	Copper	N	Yes	101	101 J-	MSD
L2433099	SW6010D	NA	TB-DOC17-061224-0930	L2433099-05	Copper	N	Yes	99.9	99.9 J-	MSD
L2433099	SW6010D	NA	TB-DOC18-061224-0940	L2433099-06	Copper	N	Yes	214	214 J-	MSD
L2433099	SW8270E	NA	TB-DOC18-061224-0940	L2433099-06	Fluoranthene	N	No	39000	39000	EXE
L2433099	SW8270E	NA	TB-DOC18-061224-0940	L2433099-06	Pyrene	N	No	40000	40000	EXE
L2433099	SW6010D	NA	TB-DOC19-061224-1000	L2433099-07	Copper	N	Yes	111	111 J-	MSD
L2433099	SW8270E	NA	TB-DOC19-061224-1000	L2433099-07	Phenol	N	Yes	76 J	180.0 U	MBK
L2433099	SW6010D	NA	TB-DOC20-061224-1010	L2433099-08	Copper	N	Yes	85.4	85.4 J-	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	1,1,2,2-Tetrachloroethane	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	1,1,2-Trichloroethane	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	1,2,3-Trichlorobenzene	N	Yes	U	R	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	1,2,4-Trichlorobenzene	N	Yes	U	R	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	1,2-Dibromo-3-chloropropane (DBCP)	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	1,2-Dibromoethane (Ethylene Dibromide)	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	1,2-Dichlorobenzene	N	Yes	U	R	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	1,2-Dichloroethane	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	1,2-Dichloropropane	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	1,3-Dichlorobenzene	N	Yes	U	R	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	1,4-Dichlorobenzene	N	Yes	U	R	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	2-Hexanone (Methyl Butyl Ketone)	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	Benzene	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	Bromodichloromethane	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	Bromoform	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	Carbon disulfide	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	Chlorobenzene	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	Chlorobromomethane	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	Chloroform (Trichloromethane)	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	cis-1,2-Dichloroethene	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	cis-1,3-Dichloropropene	N	Yes	U	UJ	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	Dibromochloromethane	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	Ethylbenzene	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	Isopropylbenzene (Cumene)	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	m,p-Xylenes	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	Methylene chloride (Dichloromethane)	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	o-Xylene	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	Styrene	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	Tetrachloroethene	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	Toluene	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	trans-1,2-Dichloroethene	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	trans-1,3-Dichloropropene	N	Yes	U	UJ	MSD
L2433099	SW8260D	NA	TB-DOC20-061224-1010	L2433099-08	Trichloroethene	N	Yes	U	UJ	MSD
L2433099	SW8270E	NA	TB-DOC20-061224-1010	L2433099-08	2,4-Dinitrophenol	N	Yes	U	R	MSD
L2433099	SW8270E	NA	TB-DOC20-061224-1010	L2433099-08	3,3'-Dichlorobenzidine	N	Yes	U	R	MSD
L2433099	SW8270E	NA	TB-DOC20-061224-1010	L2433099-08	4,6-Dinitro-2-methylphenol	N	Yes	U	R	MSD
L2433099	SW8270E	NA	TB-DOC20-061224-1010	L2433099-08	4-Nitrophenol	N	Yes	U	R	MSD
L2433099	SW8270E	NA	TB-DOC20-061224-1010	L2433099-08	Benzo(g,h,i)perylene	N	Yes	3000	3000 J	MSD
L2433099	SW8270E	NA	TB-DOC20-061224-1010	L2433099-08	Hexachlorocyclopentadiene	N	Yes	U	R	MSD
L2433099	SW8270E	NA	TB-DOC20-061224-1010	L2433099-08	Phenol	N	Yes	99 J	180.0 U	MBK
L2433099	E1633	NA	TB-DOC21-061224-1300	L2433099-09	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	N	Yes	U	UJ	LCS
L2433099	E1633	NA	TB-DOC21-061224-1300	L2433099-09	Perfluorododecane sulfonic acid (PFDoDS)	N	Yes	U	UJ	LCS
L2433099	E1633	NA	TB-DOC21-061224-1300	L2433099-09	Perfluorohexanoic acid (PFHxA)	N	Yes	0.044 J	0.044 J	ION
L2433099	E1633	NA	TB-DOC21-061224-1300	L2433099-09	Perfluorotetradecanoic acid (PFTeDA)	N	Yes	U	UJ	LCS
L2433099	E1633	NA	TB-DOC21-061224-1300	L2433099-09	Perfluorotridecanoic acid (PFTrDA)	N	Yes	U	UJ	LCS
L2433099	SW6010D	NA	TB-DOC21-061224-1300	L2433099-09	Copper	N	Yes	60.8	60.8 J-	MSD
L2433099	SW6010D	NA	TB-DOC22-061224-1320	L2433099-10	Copper	N	Yes	25.6	25.6 J-	MSD
L2433099	SW6010D	NA	4444-061224-0001	L2433099-11	Copper	N	Yes	156	156 J-	MSD
L2433099	SW8270E	NA	4444-061224-0001	L2433099-11	Benzo(k)fluoranthene	N	Yes	3900	3900 J	FDP
L2433539	SW6010D	NA	TB-DOC23-061324-0800	L2433539-01	Antimony	N	Yes	1.52 J	4.25 U	MBK
L2433539	SW8270E	NA	TB-DOC23-061324-0800	L2433539-01	Fluoranthene	N	No	9700	9700	EXE
L2433539	SW8270E	NA	TB-DOC23-061324-0800	L2433539-01	Pyrene	N	No	9900	9900	EXE
L2433539	SW6010D	NA	TB-DOC24-061324-0810	L2433539-02	Antimony	N	Yes	4.89 J	8.37 U	MBK
L2433539	SW6010D	NA	TB-DOC24-061324-0810	L2433539-02	Chromium	N	Yes	77.2	77.2 J	FDP
L2433539	SW6010D	NA	TB-DOC24-061324-0810	L2433539-02	Nickel	N	Yes	105	105 J	FDP
L2433539	SW7471B	NA	TB-DOC24-061324-0810	L2433539-02	Mercury	N	Yes	14.1	14.1 J	FDP
L2433539	SW8270E	NA	TB-DOC24-061324-0810	L2433539-02	Acenaphthylene	N	Yes	310	310 J	FDP
L2433539	SW8270E	NA	TB-DOC24-061324-0810	L2433539-02	Anthracene	N	Yes	430	430 J	FDP
L2433539	SW8270E	NA	TB-DOC24-061324-0810	L2433539-02	Fluoranthene	N	Yes	2700	2700 J	FDP
L2433539	SW8270E	NA	TB-DOC24-061324-0810	L2433539-02	Naphthalene	N	Yes	350	350 J	FDP
L2433539	SW6010D	NA	TB-DOC25-061324-0830	L2433539-03	Antimony	N	Yes	0.587 J	4.23 U	MBK
L2433539	SW6010D	NA	TB-DOC26-061324-0840	L2433539-04	Antimony	N	Yes	0.532 J	4.27 U	MBK
L2433539	SW8270E	NA	TB-DOC26-061324-0840	L2433539-04	Pyrene	N	No	8600	8600	EXE
L2433539	SW6010D	NA	TB-DOC27-061324-1010	L2433539-05	Antimony	N	Yes	2.87 J	4.54 U	MBK
L2433539	SW8270E	NA	TB-DOC27-061324-1010	L2433539-05	Pyrene	N	No	8800	8800	EXE
L2433539	SW6010D	NA	TB-DOC28-061324-1300	L2433539-06	Antimony	N	Yes	3.29 J	4.54 U	MBK
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	1,1,1-Trichloroethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	1,1,2,2-Tetrachloroethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	1,1,2-Trichloroethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	1,1-Dichloroethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	1,1-Dichloroethene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	1,2,3-Trichlorobenzene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	1,2,4-Trichlorobenzene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	1,2-Dichlorobenzene	N	No	U		ARA

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	1,2-Dichloroethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	1,2-Dichloropropane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	1,3-Dichlorobenzene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	1,4-Dichlorobenzene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	1,4-Dioxane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	2-Butanone (Methyl Ethyl Ketone)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	2-Hexanone (Methyl Butyl Ketone)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Acetone	N	No	11 J	11	ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Benzene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Bromodichloromethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Bromoform	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Bromomethane (Methyl Bromide)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Carbon disulfide	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Carbon tetrachloride	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Chlorobenzene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Chlorobromomethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Chloroethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Chloroform (Trichloromethane)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Chloromethane (Methyl Chloride)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	cis-1,2-Dichloroethene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	cis-1,3-Dichloropropene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Cyclohexane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Dibromochloromethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Dichlorodifluoromethane (CFC-12)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Ethylbenzene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Isopropylbenzene (Cumene)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	m,p-Xylenes	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Methyl acetate	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Methyl Tert Butyl Ether (MTBE)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Methylcyclohexane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Methylene chloride (Dichloromethane)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	o-Xylene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Styrene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Tetrachloroethene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Toluene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	trans-1,2-Dichloroethene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	trans-1,3-Dichloropropene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Trichloroethene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Trichlorofluoromethane (CFC-11)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Trifluorotrichloroethane (Freon 113)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC28-061324-1300	L2433539-06	Vinyl chloride	N	No	U		ARA
L2433539	SW6010D	NA	TB-DOC29-061324-1310	L2433539-07	Antimony	N	Yes	0.839 J	4.3 U	MBK
L2433539	SW6010D	NA	TB-DOC30-061324-1330	L2433539-08	Antimony	N	Yes	0.968 J	4.32 U	MBK
L2433539	SW8270E	NA	TB-DOC30-061324-1330	L2433539-08	Benzo(b)fluoranthene	N	No	9800	9800	EXE
L2433539	E1633	NA	TB-DOC31-061324-1340	L2433539-09	3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	N	Yes	U	UJ	LCS
L2433539	E1633	NA	TB-DOC31-061324-1340	L2433539-09	Perfluorododecane sulfonic acid (PFDoDS)	N	Yes	U	UJ	LCS
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	1,1,1-Trichloroethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	1,1,2,2-Tetrachloroethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	1,1,2-Trichloroethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	1,1-Dichloroethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	1,1-Dichloroethene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	1,2,3-Trichlorobenzene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	1,2,4-Trichlorobenzene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U		ARA

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	1,2-Dichlorobenzene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	1,2-Dichloroethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	1,2-Dichloropropane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	1,3-Dichlorobenzene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	1,4-Dichlorobenzene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	1,4-Dioxane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	2-Butanone (Methyl Ethyl Ketone)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	2-Hexanone (Methyl Butyl Ketone)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Acetone	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Benzene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Bromodichloromethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Bromoform	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Bromomethane (Methyl Bromide)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Carbon disulfide	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Carbon tetrachloride	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Chlorobenzene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Chlorobromomethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Chloroethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Chloroform (Trichloromethane)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Chloromethane (Methyl Chloride)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	cis-1,2-Dichloroethene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	cis-1,3-Dichloropropene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Cyclohexane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Dibromochloromethane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Dichlorodifluoromethane (CFC-12)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Ethylbenzene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Isopropylbenzene (Cumene)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	m,p-Xylenes	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Methyl acetate	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Methyl Tert Butyl Ether (MTBE)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Methylcyclohexane	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Methylene chloride (Dichloromethane)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	o-Xylene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Styrene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Tetrachloroethene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Toluene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	trans-1,2-Dichloroethene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	trans-1,3-Dichloropropene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Trichloroethene	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Trichlorofluoromethane (CFC-11)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Trifluorotrichloroethane (Freon 113)	N	No	U		ARA
L2433539	SW8260D	NA	TB-DOC31-061324-1340	L2433539-09	Vinyl chloride	N	No	U		ARA
L2433539	SW6010D	NA	TB-DOC32-061324-1410	L2433539-10	Antimony	N	Yes	0.539 J	4.34 U	MBK
L2433539	SW6010D	NA	TB-DOC33-061324-1420	L2433539-11	Sodium	N	Yes	87.5 J	719.0 U	MBK
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	1,1,2-Trichloroethane	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	1,1-Dichloroethane	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	1,1-Dichloroethene	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	1,2,3-Trichlorobenzene	N	Yes	U	R	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	1,2,4-Trichlorobenzene	N	Yes	0.7 J	0.7 J	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	1,2-Dibromo-3-chloropropane (DBCP)	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	1,2-Dibromoethane (Ethylene Dibromide)	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	1,2-Dichlorobenzene	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	1,2-Dichloroethane	N	Yes	U	UJ	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	1,3-Dichlorobenzene	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	1,4-Dichlorobenzene	N	Yes	0.27 J	0.27 J	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	2-Hexanone (Methyl Butyl Ketone)	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Benzene	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Bromodichloromethane	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Bromoform	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Carbon disulfide	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Chlorobenzene	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Chlorobromomethane	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Chloroform (Trichloromethane)	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	cis-1,2-Dichloroethene	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	cis-1,3-Dichloropropene	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Dibromochloromethane	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Ethylbenzene	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Isopropylbenzene (Cumene)	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	m,p-Xylenes	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Methylcyclohexane	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Methylene chloride (Dichloromethane)	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	o-Xylene	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Styrene	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Tetrachloroethene	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Toluene	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	trans-1,2-Dichloroethene	N	Yes	U	UJ	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	trans-1,3-Dichloropropene	N	Yes	U	R	MSD
L2433539	SW8260D	NA	TB-DOC33-061324-1420	L2433539-11	Trichloroethene	N	Yes	0.96	0.96 J	MSD
L2433539	SW6010D	NA	4444-061324-0001	L2433539-12	Chromium	N	Yes	589	589 J	FDP
L2433539	SW6010D	NA	4444-061324-0001	L2433539-12	Nickel	N	Yes	335	335 J	FDP
L2433539	SW6010D	NA	4444-061324-0001	L2433539-12	Sodium	N	Yes	92.7 J	336.0 U	MBK
L2433539	SW7471B	NA	4444-061324-0001	L2433539-12	Mercury	N	Yes	3.83	3.83 J	FDP
L2433539	SW8270E	NA	4444-061324-0001	L2433539-12	Acenaphthylene	N	Yes	750	750 J	FDP
L2433539	SW8270E	NA	4444-061324-0001	L2433539-12	Anthracene	N	Yes	1000	1000 J	FDP
L2433539	SW8270E	NA	4444-061324-0001	L2433539-12	Fluoranthene	N	Yes	3300	3300 J	FDP
L2433539	SW8270E	NA	4444-061324-0001	L2433539-12	Naphthalene	N	Yes	550	550 J	FDP
L2433822	SW6010D	NA	TB-DOC36-061424-0900	L2433822-01	Antimony	N	Yes	2.57 J	4.23 U	EBK
L2433822	SW8260D	NA	TB-DOC36-061424-0900	L2433822-01	Methylene chloride (Dichloromethane)	N	Yes	3.4 J	5.6 U	MBK
L2433822	SW8270E	NA	TB-DOC36-061424-0900	L2433822-01	2-Methylnaphthalene	N	Yes	480	480 J	FDP
L2433822	SW8270E	NA	TB-DOC36-061424-0900	L2433822-01	Carbazole	N	Yes	120 J	120 J-	LCS
L2433822	SW8270E	NA	TB-DOC36-061424-0900	L2433822-01	Naphthalene	N	Yes	560	560 J	FDP
L2433822	SW8270E	NA	TB-DOC36-061424-0900	L2433822-01	Pyrene	N	No	7400	7400	EXE
L2433822	SW6010D	NA	TB-DOC37-061424-0910	L2433822-02	Antimony	N	Yes	0.755 J	4.12 U	EBK
L2433822	SW8270E	NA	TB-DOC37-061424-0910	L2433822-02	Carbazole	N	Yes	U	R	LCS
L2433822	SW6010D	NA	4444-061424-0001	L2433822-05	Antimony	N	Yes	2.26 J	4.36 U	EBK
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	1,1,1-Trichloroethane	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	1,1,2,2-Tetrachloroethane	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	1,1,2-Trichloroethane	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	1,1-Dichloroethane	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	1,1-Dichloroethene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	1,2,3-Trichlorobenzene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	1,2,4-Trichlorobenzene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	1,2-Dichlorobenzene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	1,2-Dichloroethane	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	1,2-Dichloropropane	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	1,3-Dichlorobenzene	N	No	U		ARA

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	1,4-Dichlorobenzene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	1,4-Dioxane	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	2-Butanone (Methyl Ethyl Ketone)	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	2-Hexanone (Methyl Butyl Ketone)	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Acetone	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Benzene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Bromodichloromethane	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Bromoform	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Bromomethane (Methyl Bromide)	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Bromomethane (Methyl Bromide)	N	Yes	87 J	140.0 U	MBK
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Carbon disulfide	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Carbon tetrachloride	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Chlorobenzene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Chlorobromomethane	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Chloroethane	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Chloroform (Trichloromethane)	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Chloromethane (Methyl Chloride)	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	cis-1,2-Dichloroethene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	cis-1,3-Dichloropropene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Cyclohexane	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Dibromochloromethane	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Dichlorodifluoromethane (CFC-12)	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Ethylbenzene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Isopropylbenzene (Cumene)	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	m,p-Xylenes	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Methyl acetate	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Methyl Tert Butyl Ether (MTBE)	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Methylcyclohexane	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Methylene chloride (Dichloromethane)	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	o-Xylene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Styrene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Tetrachloroethene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Toluene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	trans-1,2-Dichloroethene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	trans-1,3-Dichloropropene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Trichloroethene	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Trichlorofluoromethane (CFC-11)	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Trifluorotrichloroethane (Freon 113)	N	No	U		ARA
L2433822	SW8260D	NA	4444-061424-0001	L2433822-05	Vinyl chloride	N	No	U		ARA
L2433822	SW8270E	NA	4444-061424-0001	L2433822-05	2-Methylnaphthalene	N	Yes	800	800 J	FDP
L2433822	SW8270E	NA	4444-061424-0001	L2433822-05	Carbazole	N	Yes	140 J	140 J-	LCS
L2433822	SW8270E	NA	4444-061424-0001	L2433822-05	Naphthalene	N	Yes	830	830 J	FDP
L2433822	SW8270E	NA	4444-061424-0001	L2433822-05	Pyrene	N	No	7200	7200	EXE
L2433822	E1633	NA	4444-061424-0002	L2433822-06	Perfluorobutanoic acid (PFBA)	N	Yes	1.85 J	5.86 U	MBK
L2433822	SW6010D	NA	TB-DOC34-061424-0820	L2433822-08	Antimony	N	Yes	2.47 J	4.18 U	EBK
L2433822	SW8260D	NA	TB-DOC34-061424-0820	L2433822-08	Acetone	N	Yes	6.1 J	12.0 U	EBK
L2433822	SW8270E	NA	TB-DOC34-061424-0820	L2433822-08	Carbazole	N	Yes	110 J	110 J-	LCS
L2433822	SW6010D	NA	TB-DOC35-061424-0830	L2433822-09	Antimony	N	Yes	2.21 J	4.15 U	EBK
L2434436	SW6010D	NA	TB-DOC38-061824-0810	L2434436-01	Copper	N	Yes	144	144 J	MSD
L2434436	SW6010D	NA	TB-DOC38-061824-0810	L2434436-01	Zinc	N	Yes	186	186 J	MSD
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,1,1-Trichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,1,1-Trichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,1,2,2-Tetrachloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,1,2,2-Tetrachloroethane	N	No	U		ARA

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,1,2-Trichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,1,2-Trichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,1-Dichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,1-Dichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,1-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,1-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,2,3-Trichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,2,3-Trichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,2,4-Trichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,2,4-Trichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,2-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,2-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,2-Dichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,2-Dichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,2-Dichloropropane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,2-Dichloropropane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,3-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,3-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,4-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,4-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,4-Dioxane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	1,4-Dioxane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	2-Butanone (Methyl Ethyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	2-Butanone (Methyl Ethyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	2-Hexanone (Methyl Butyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	2-Hexanone (Methyl Butyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Acetone	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Acetone	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Benzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Benzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Bromodichloromethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Bromodichloromethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Bromoform	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Bromoform	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Bromomethane (Methyl Bromide)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Bromomethane (Methyl Bromide)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Carbon disulfide	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Carbon disulfide	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Carbon tetrachloride	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Carbon tetrachloride	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Chlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Chlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Chlorobromomethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Chlorobromomethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Chloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Chloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Chloroform (Trichloromethane)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Chloroform (Trichloromethane)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Chloromethane (Methyl Chloride)	N	No	U		ARA

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Chloromethane (Methyl Chloride)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	cis-1,2-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	cis-1,2-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	cis-1,3-Dichloropropene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	cis-1,3-Dichloropropene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Cyclohexane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Cyclohexane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Dibromochloromethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Dibromochloromethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Dichlorodifluoromethane (CFC-12)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Dichlorodifluoromethane (CFC-12)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Ethylbenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Ethylbenzene	N	No	0.24 J	0.24	ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Isopropylbenzene (Cumene)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Isopropylbenzene (Cumene)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	m,p-Xylenes	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	m,p-Xylenes	N	No	2.7	2.7	ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Methyl acetate	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Methyl acetate	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Methyl Tert Butyl Ether (MTBE)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Methyl Tert Butyl Ether (MTBE)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Methylcyclohexane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Methylcyclohexane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Methylene chloride (Dichloromethane)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Methylene chloride (Dichloromethane)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	o-Xylene	N	No	1.3	1.3	ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	o-Xylene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Styrene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Styrene	N	No	0.3 J	0.3	ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Tetrachloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Tetrachloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Toluene	N	No	1.5	1.5	ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Toluene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	trans-1,2-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	trans-1,2-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	trans-1,3-Dichloropropene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	trans-1,3-Dichloropropene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Trichloroethene	N	No	2.4	2.4	ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Trichloroethene	N	No	0.85	0.85	ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Trichlorofluoromethane (CFC-11)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Trichlorofluoromethane (CFC-11)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Trifluorotrichloroethane (Freon 113)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Trifluorotrichloroethane (Freon 113)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Vinyl chloride	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC38-061824-0810	L2434436-01	Vinyl chloride	N	No	U		ARA
L2434436	SW8270E	NA	TB-DOC38-061824-0810	L2434436-01	Benzo(a)anthracene	N	No	7800	7800	EXE
L2434436	SW8270E	NA	TB-DOC38-061824-0810	L2434436-01	Benzo(a)pyrene	N	No	8200	8200	EXE
L2434436	SW8270E	NA	TB-DOC38-061824-0810	L2434436-01	Benzo(b)fluoranthene	N	No	13000	13000	EXE
L2434436	SW8270E	NA	TB-DOC38-061824-0810	L2434436-01	Fluoranthene	N	No	8200	8200	EXE
L2434436	SW8270E	NA	TB-DOC38-061824-0810	L2434436-01	Pyrene	N	No	8700	8700	EXE
L2434436	SW6010D	NA	TB-DOC39-061824-0820	L2434436-02	Copper	N	Yes	136	136 J	MSD
L2434436	SW6010D	NA	TB-DOC39-061824-0820	L2434436-02	Zinc	N	Yes	200	200 J	MSD
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,1,1-Trichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,1,1-Trichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,1,2,2-Tetrachloroethane	N	No	U		ARA

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,1,2,2-Tetrachloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,1,2-Trichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,1,2-Trichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,1-Dichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,1-Dichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,1-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,1-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,2,3-Trichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,2,3-Trichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,2,4-Trichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,2,4-Trichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,2-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,2-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,2-Dichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,2-Dichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,2-Dichloropropane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,2-Dichloropropane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,3-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,3-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,4-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,4-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,4-Dioxane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	1,4-Dioxane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	2-Butanone (Methyl Ethyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	2-Butanone (Methyl Ethyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	2-Hexanone (Methyl Butyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	2-Hexanone (Methyl Butyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Acetone	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Acetone	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Benzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Benzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Bromodichloromethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Bromodichloromethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Bromoform	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Bromoform	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Bromomethane (Methyl Bromide)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Bromomethane (Methyl Bromide)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Carbon disulfide	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Carbon disulfide	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Carbon tetrachloride	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Carbon tetrachloride	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Chlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Chlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Chlorobromomethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Chlorobromomethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Chloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Chloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Chloroform (Trichloromethane)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Chloroform (Trichloromethane)	N	No	U		ARA

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Chloromethane (Methyl Chloride)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Chloromethane (Methyl Chloride)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	cis-1,2-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	cis-1,2-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	cis-1,3-Dichloropropene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	cis-1,3-Dichloropropene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Cyclohexane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Cyclohexane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Dibromochloromethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Dibromochloromethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Dichlorodifluoromethane (CFC-12)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Dichlorodifluoromethane (CFC-12)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Ethylbenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Ethylbenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Isopropylbenzene (Cumene)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Isopropylbenzene (Cumene)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	m,p-Xylenes	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	m,p-Xylenes	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Methyl acetate	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Methyl acetate	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Methyl Tert Butyl Ether (MTBE)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Methyl Tert Butyl Ether (MTBE)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Methylcyclohexane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Methylcyclohexane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Methylene chloride (Dichloromethane)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Methylene chloride (Dichloromethane)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	o-Xylene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	o-Xylene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Styrene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Styrene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Tetrachloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Tetrachloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Toluene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Toluene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	trans-1,2-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	trans-1,2-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	trans-1,3-Dichloropropene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	trans-1,3-Dichloropropene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Trichloroethene	N	No	2.1	2.1	ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Trichloroethene	N	No	1.9	1.9	ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Trichlorofluoromethane (CFC-11)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Trichlorofluoromethane (CFC-11)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Trifluorotrichloroethane (Freon 113)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Trifluorotrichloroethane (Freon 113)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Vinyl chloride	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC39-061824-0820	L2434436-02	Vinyl chloride	N	No	U		ARA
L2434436	SW6010D	NA	TB-DOC40-061824-0850	L2434436-03	Copper	N	Yes	88.7	88.7 J	MSD
L2434436	SW6010D	NA	TB-DOC40-061824-0850	L2434436-03	Zinc	N	Yes	82.7	82.7 J	MSD
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,1,1-Trichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,1,1-Trichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,1,2,2-Tetrachloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,1,2,2-Tetrachloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,1,2-Trichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,1,2-Trichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,1-Dichloroethane	N	No	U		ARA

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,1-Dichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,1-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,1-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,2,3-Trichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,2,3-Trichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,2,4-Trichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,2,4-Trichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,2-Dibromo-3-chloropropane (DBCP)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,2-Dibromoethane (Ethylene Dibromide)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,2-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,2-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,2-Dichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,2-Dichloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,2-Dichloropropane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,2-Dichloropropane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,3-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,3-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,4-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,4-Dichlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,4-Dioxane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	1,4-Dioxane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	2-Butanone (Methyl Ethyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	2-Butanone (Methyl Ethyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	2-Hexanone (Methyl Butyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	2-Hexanone (Methyl Butyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Acetone	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Acetone	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Benzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Benzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Bromodichloromethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Bromodichloromethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Bromoform	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Bromoform	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Bromomethane (Methyl Bromide)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Bromomethane (Methyl Bromide)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Carbon disulfide	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Carbon disulfide	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Carbon tetrachloride	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Carbon tetrachloride	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Chlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Chlorobenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Chlorobromomethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Chlorobromomethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Chloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Chloroethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Chloroform (Trichloromethane)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Chloroform (Trichloromethane)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Chloromethane (Methyl Chloride)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Chloromethane (Methyl Chloride)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	cis-1,2-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	cis-1,2-Dichloroethene	N	No	U		ARA

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	cis-1,3-Dichloropropene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	cis-1,3-Dichloropropene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Cyclohexane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Cyclohexane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Dibromochloromethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Dibromochloromethane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Dichlorodifluoromethane (CFC-12)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Dichlorodifluoromethane (CFC-12)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Ethylbenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Ethylbenzene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Isopropylbenzene (Cumene)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Isopropylbenzene (Cumene)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	m,p-Xylenes	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	m,p-Xylenes	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Methyl acetate	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Methyl acetate	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Methyl Tert Butyl Ether (MTBE)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Methyl Tert Butyl Ether (MTBE)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Methylcyclohexane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Methylcyclohexane	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Methylene chloride (Dichloromethane)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Methylene chloride (Dichloromethane)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	o-Xylene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	o-Xylene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Styrene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Styrene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Tetrachloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Tetrachloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Toluene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Toluene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	trans-1,2-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	trans-1,2-Dichloroethene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	trans-1,3-Dichloropropene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	trans-1,3-Dichloropropene	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Trichloroethene	N	No	0.97	0.97	ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Trichloroethene	N	No	0.8	0.8	ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Trichlorofluoromethane (CFC-11)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Trichlorofluoromethane (CFC-11)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Trifluorotrichloroethane (Freon 113)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Trifluorotrichloroethane (Freon 113)	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Vinyl chloride	N	No	U		ARA
L2434436	SW8260D	NA	TB-DOC40-061824-0850	L2434436-03	Vinyl chloride	N	No	U		ARA
L2434436	SW6010D	NA	TB-DOC41-061824-0900	L2434436-04	Copper	N	Yes	204	204 J	MSD
L2434436	SW6010D	NA	TB-DOC41-061824-0900	L2434436-04	Zinc	N	Yes	264	264 J	MSD
L2434436	SW6010D	NA	TB-DOC42-061824-0920	L2434436-05	Copper	N	Yes	84.3	84.3 J	MSD
L2434436	SW6010D	NA	TB-DOC42-061824-0920	L2434436-05	Zinc	N	Yes	109	109 J	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	1,1,2,2-Tetrachloroethane	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	1,1,2-Trichloroethane	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	1,1-Dichloroethane	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	1,2,3-Trichlorobenzene	N	Yes	U	R	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	1,2,4-Trichlorobenzene	N	Yes	U	R	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	1,2-Dibromo-3-chloropropane (DBCP)	N	Yes	U	R	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	1,2-Dibromoethane (Ethylene Dibromide)	N	Yes	U	R	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	1,2-Dichlorobenzene	N	Yes	U	R	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	1,2-Dichloroethane	N	Yes	U	UJ	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	1,2-Dichloropropane	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	1,3-Dichlorobenzene	N	Yes	U	R	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	1,4-Dichlorobenzene	N	Yes	U	R	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	2-Butanone (Methyl Ethyl Ketone)	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	2-Hexanone (Methyl Butyl Ketone)	N	Yes	U	R	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Acetone	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Benzene	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Bromodichloromethane	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Bromoform	N	Yes	U	R	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Carbon disulfide	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Chlorobenzene	N	Yes	U	R	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Chlorobromomethane	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Chloroform (Trichloromethane)	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	cis-1,2-Dichloroethene	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	cis-1,3-Dichloropropene	N	Yes	U	R	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Dibromochloromethane	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Ethylbenzene	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Isopropylbenzene (Cumene)	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	m,p-Xylenes	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Methyl acetate	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Methyl Tert Butyl Ether (MTBE)	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Methylene chloride (Dichloromethane)	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	o-Xylene	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Styrene	N	Yes	U	R	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Tetrachloroethene	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Toluene	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	trans-1,2-Dichloroethene	N	Yes	U	UJ	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	trans-1,3-Dichloropropene	N	Yes	U	R	MSD
L2434436	SW8260D	NA	TB-DOC42-061824-0920	L2434436-05	Trichloroethene	N	Yes	3.4	3.4 J	MSD
L2434436	SW8270E	NA	TB-DOC42-061824-0920	L2434436-05	2,4-Dinitrophenol	N	Yes	U	R	MSD
L2434436	SW8270E	NA	TB-DOC42-061824-0920	L2434436-05	3,3'-Dichlorobenzidine	N	Yes	U	UJ	MSD
L2434436	SW8270E	NA	TB-DOC42-061824-0920	L2434436-05	4,6-Dinitro-2-methylphenol	N	Yes	U	R	MSD
L2434436	SW8270E	NA	TB-DOC42-061824-0920	L2434436-05	4-Nitroaniline	N	Yes	U	UJ	MSD
L2434436	SW8270E	NA	TB-DOC42-061824-0920	L2434436-05	Benzo(a)anthracene	N	Yes	5000	5000 J	MSD
L2434436	SW8270E	NA	TB-DOC42-061824-0920	L2434436-05	Benzo(a)pyrene	N	Yes	6200	6200 J	MSD
L2434436	SW8270E	NA	TB-DOC42-061824-0920	L2434436-05	Benzo(b)fluoranthene	N	No	9900	9900	EXE
L2434436	SW8270E	NA	TB-DOC42-061824-0920	L2434436-05	Benzo(g,h,i)perylene	N	Yes	3400	3400 J	MSD
L2434436	SW8270E	NA	TB-DOC42-061824-0920	L2434436-05	Benzo(k)fluoranthene	N	Yes	2200	2200 J	MSD
L2434436	SW8270E	NA	TB-DOC42-061824-0920	L2434436-05	Chrysene	N	Yes	4700	4700 J	MSD
L2434436	SW8270E	NA	TB-DOC42-061824-0920	L2434436-05	Fluoranthene	N	Yes	5100	5100 J	MSD
L2434436	SW8270E	NA	TB-DOC42-061824-0920	L2434436-05	Hexachlorocyclopentadiene	N	Yes	U	UJ	MSD
L2434436	SW8270E	NA	TB-DOC42-061824-0920	L2434436-05	Indeno(1,2,3-cd)pyrene	N	Yes	4000	4000 J	MSD
L2434436	SW8270E	NA	TB-DOC42-061824-0920	L2434436-05	Pyrene	N	Yes	5200	5200 J	MSD
L2434436	SW6010D	NA	TB-DOC43-061824-0930	L2434436-06	Copper	N	Yes	216	216 J	MSD
L2434436	SW6010D	NA	TB-DOC43-061824-0930	L2434436-06	Zinc	N	Yes	227	227 J	MSD
L2434436	SW8260D	NA	TB-DOC43-061824-0930	L2434436-06	Trichloroethene	N	No	89000	89000	EXE
L2434436	SW8270E	NA	TB-DOC43-061824-0930	L2434436-06	Benzo(b)fluoranthene	N	No	8800	8800	EXE
L2434436	SW6010D	NA	TB-DOC44-061824-1000	L2434436-07	Copper	N	Yes	97.9	97.9 J	MSD
L2434436	SW6010D	NA	TB-DOC44-061824-1000	L2434436-07	Zinc	N	Yes	110	110 J	MSD
L2434436	SW6010D	NA	TB-DOC45-061824-1010	L2434436-08	Copper	N	Yes	59.2	59.2 J	MSD
L2434436	SW6010D	NA	TB-DOC45-061824-1010	L2434436-08	Zinc	N	Yes	83.2	83.2 J	MSD
L2434436	SW8270E	NA	TB-DOC45-061824-1010	L2434436-08	Benzo(g,h,i)perylene	N	No	7400	7400	EXE
L2434436	SW8270E	NA	TB-DOC45-061824-1010	L2434436-08	Pyrene	N	No	9600	9600	EXE
L2434436	SW6010D	NA	TB-DOC46-061824-1030	L2434436-09	Copper	N	Yes	76.4	76.4 J	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2434436	SW6010D	NA	TB-DOC46-061824-1030	L2434436-09	Zinc	N	Yes	155	155 J	MSD
L2434436	SW8270E	NA	TB-DOC46-061824-1030	L2434436-09	Benzo(a)anthracene	N	No	16000	16000	EXE
L2434436	SW8270E	NA	TB-DOC46-061824-1030	L2434436-09	Benzo(a)pyrene	N	No	17000	17000	EXE
L2434436	SW8270E	NA	TB-DOC46-061824-1030	L2434436-09	Benzo(b)fluoranthene	N	No	23000	23000	EXE
L2434436	SW8270E	NA	TB-DOC46-061824-1030	L2434436-09	Benzo(g,h,i)perylene	N	No	15000	15000	EXE
L2434436	SW8270E	NA	TB-DOC46-061824-1030	L2434436-09	Chrysene	N	No	13000	13000	EXE
L2434436	SW8270E	NA	TB-DOC46-061824-1030	L2434436-09	Fluoranthene	N	No	26000	26000	EXE
L2434436	SW8270E	NA	TB-DOC46-061824-1030	L2434436-09	Indeno(1,2,3-cd)pyrene	N	No	12000	12000	EXE
L2434436	SW8270E	NA	TB-DOC46-061824-1030	L2434436-09	Phenanthrene	N	No	14000	14000	EXE
L2434436	SW8270E	NA	TB-DOC46-061824-1030	L2434436-09	Pyrene	N	No	28000	28000	EXE
L2435063	SW8260D	NA	TB-DOC47-062024-1140	L2435063-01	2-Butanone (Methyl Ethyl Ketone)	N	Yes	U	UJ	LCS
L2435063	SW8270E	NA	TB-DOC47-062024-1140	L2435063-01	Butyl benzylphthalate (BBP)	N	No	39000	39000	EXE
L2435063	SW8260D	NA	TB-DOC48-062024-1142	L2435063-02	2-Butanone (Methyl Ethyl Ketone)	N	Yes	U	UJ	LCS
L2435063	E1633	NA	TB-DOC49-062024-1145	L2435063-03	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	N	Yes	U	UJ	LCS
L2435063	E1633	NA	TB-DOC49-062024-1145	L2435063-03	N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)	N	Yes	U	UJ	IDL
L2435063	E1633	NA	TB-DOC49-062024-1145	L2435063-03	N-Methylperfluorooctane sulfonamide (N-MeFOSA)	N	Yes	U	UJ	IDL
L2435063	E1633	NA	TB-DOC49-062024-1145	L2435063-03	Perfluorododecane sulfonic acid (PFDoDS)	N	Yes	U	UJ	LCS
L2435063	E1633	NA	TB-DOC49-062024-1145	L2435063-03	Perfluorotetradecanoic acid (PFTeDA)	N	Yes	U	UJ	LCS, IDL
L2435063	E1633	NA	TB-DOC49-062024-1145	L2435063-03	Perfluorotridecanoic acid (PFTrDA)	N	Yes	U	UJ	LCS, IDL
L2435063	SW8081B	NA	TB-DOC49-062024-1145	L2435063-03	4,4'-DDT	N	Yes	1.73 J	1.73 J	RPD
L2435063	SW8260D	NA	TB-DOC50-062024-1150	L2435063-04	2-Butanone (Methyl Ethyl Ketone)	N	Yes	U	UJ	LCS
L2435588	SW6010D	NA	TB-DOC48-062024-1142	L2435588-01	Arsenic	N	Yes	33.6	33.6 J-	MSD
L2435588	SW6010D	NA	TB-DOC48-062024-1142	L2435588-01	Cadmium	N	Yes	1.17	1.17 J-	MSD
L2435588	SW6010D	NA	TB-DOC48-062024-1142	L2435588-01	Chromium	N	Yes	11	11 J-	MSD
L2435588	SW6010D	NA	TB-DOC48-062024-1142	L2435588-01	Copper	N	Yes	66.8	66.8 J-	MSD
L2435588	SW6010D	NA	TB-DOC48-062024-1142	L2435588-01	Lead	N	Yes	828	828 J-	MSD
L2435588	SW6010D	NA	TB-DOC48-062024-1142	L2435588-01	Potassium	N	Yes	432	432 J+	MSD
L2435588	SW8270E	NA	TB-DOC48-062024-1142	L2435588-01	Phenol	N	Yes	32 J	32 J+	LCS
L2435588	SW6010D	NA	TB-DOC51-062424-0720	L2435588-02	Arsenic	N	Yes	53	53 J-	MSD
L2435588	SW6010D	NA	TB-DOC51-062424-0720	L2435588-02	Cadmium	N	Yes	0.654 J	0.654 J-	MSD
L2435588	SW6010D	NA	TB-DOC51-062424-0720	L2435588-02	Chromium	N	Yes	7.1	7.1 J-	MSD
L2435588	SW6010D	NA	TB-DOC51-062424-0720	L2435588-02	Copper	N	Yes	53.9	53.9 J-	MSD
L2435588	SW6010D	NA	TB-DOC51-062424-0720	L2435588-02	Lead	N	Yes	426	426 J-	MSD
L2435588	SW6010D	NA	TB-DOC51-062424-0720	L2435588-02	Potassium	N	Yes	478	478 J+	MSD
L2435588	SW6010D	NA	TB-DOC52-062424-0730	L2435588-03	Arsenic	N	Yes	52.7	52.7 J-	MSD
L2435588	SW6010D	NA	TB-DOC52-062424-0730	L2435588-03	Cadmium	N	Yes	0.556 J	0.556 J-	MSD
L2435588	SW6010D	NA	TB-DOC52-062424-0730	L2435588-03	Chromium	N	Yes	7.1	7.1 J-	MSD
L2435588	SW6010D	NA	TB-DOC52-062424-0730	L2435588-03	Copper	N	Yes	53.8	53.8 J-	MSD
L2435588	SW6010D	NA	TB-DOC52-062424-0730	L2435588-03	Lead	N	Yes	162	162 J-	MSD
L2435588	SW6010D	NA	TB-DOC52-062424-0730	L2435588-03	Potassium	N	Yes	443	443 J+	MSD
L2435588	SW6010D	NA	TB-DOC53-062424-0740	L2435588-04	Arsenic	N	Yes	54.8	54.8 J-	MSD
L2435588	SW6010D	NA	TB-DOC53-062424-0740	L2435588-04	Cadmium	N	Yes	0.634 J	0.634 J-	MSD
L2435588	SW6010D	NA	TB-DOC53-062424-0740	L2435588-04	Chromium	N	Yes	7.84	7.84 J-	MSD
L2435588	SW6010D	NA	TB-DOC53-062424-0740	L2435588-04	Copper	N	Yes	53.4	53.4 J-	MSD
L2435588	SW6010D	NA	TB-DOC53-062424-0740	L2435588-04	Lead	N	Yes	169	169 J-	MSD
L2435588	SW6010D	NA	TB-DOC53-062424-0740	L2435588-04	Potassium	N	Yes	533	533 J+	MSD
L2435588	SW6010D	NA	TB-DOC54-062424-0750	L2435588-05	Arsenic	N	Yes	9.62	9.62 J-	MSD
L2435588	SW6010D	NA	TB-DOC54-062424-0750	L2435588-05	Cadmium	N	Yes	0.382 J	0.382 J-	MSD
L2435588	SW6010D	NA	TB-DOC54-062424-0750	L2435588-05	Chromium	N	Yes	5.98	5.98 J-	MSD
L2435588	SW6010D	NA	TB-DOC54-062424-0750	L2435588-05	Copper	N	Yes	21.9	21.9 J-	MSD
L2435588	SW6010D	NA	TB-DOC54-062424-0750	L2435588-05	Lead	N	Yes	143	143 J-	MSD
L2435588	SW6010D	NA	TB-DOC54-062424-0750	L2435588-05	Potassium	N	Yes	466	466 J+	MSD
L2435588	SW6010D	NA	TB-DOC55-062424-0800	L2435588-06	Arsenic	N	Yes	48.8	48.8 J-	MSD
L2435588	SW6010D	NA	TB-DOC55-062424-0800	L2435588-06	Cadmium	N	Yes	0.635 J	0.635 J-	MSD
L2435588	SW6010D	NA	TB-DOC55-062424-0800	L2435588-06	Chromium	N	Yes	7.76	7.76 J-	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2435588	SW6010D	NA	TB-DOC55-062424-0800	L2435588-06	Copper	N	Yes	87	87 J-	MSD
L2435588	SW6010D	NA	TB-DOC55-062424-0800	L2435588-06	Lead	N	Yes	206	206 J-	MSD
L2435588	SW6010D	NA	TB-DOC55-062424-0800	L2435588-06	Potassium	N	Yes	479	479 J+	MSD
L2435588	SW6010D	NA	TB-DOC56-062424-0815	L2435588-07	Arsenic	N	Yes	123	123 J-	MSD
L2435588	SW6010D	NA	TB-DOC56-062424-0815	L2435588-07	Cadmium	N	Yes	0.801 J	0.801 J-	MSD
L2435588	SW6010D	NA	TB-DOC56-062424-0815	L2435588-07	Chromium	N	Yes	25.5	25.5 J-	MSD
L2435588	SW6010D	NA	TB-DOC56-062424-0815	L2435588-07	Copper	N	Yes	77.8	77.8 J-	MSD
L2435588	SW6010D	NA	TB-DOC56-062424-0815	L2435588-07	Lead	N	Yes	223	223 J-	MSD
L2435588	SW6010D	NA	TB-DOC56-062424-0815	L2435588-07	Potassium	N	Yes	440	440 J+	MSD
L2435588	SW8270E	NA	TB-DOC56-062424-0815	L2435588-07	Phenol	N	Yes	41 J	41 J+	LCS
L2435588	SW6010D	NA	TB-DOC57-062424-0830	L2435588-08	Arsenic	N	Yes	109	109 J-	MSD
L2435588	SW6010D	NA	TB-DOC57-062424-0830	L2435588-08	Cadmium	N	Yes	0.603 J	0.603 J-	MSD
L2435588	SW6010D	NA	TB-DOC57-062424-0830	L2435588-08	Chromium	N	Yes	6.7	6.7 J-	MSD
L2435588	SW6010D	NA	TB-DOC57-062424-0830	L2435588-08	Copper	N	Yes	76.2	76.2 J-	MSD
L2435588	SW6010D	NA	TB-DOC57-062424-0830	L2435588-08	Lead	N	Yes	155	155 J-	MSD
L2435588	SW6010D	NA	TB-DOC57-062424-0830	L2435588-08	Potassium	N	Yes	330	330 J+	MSD
L2435588	SW8260D	NA	TB-DOC57-062424-0830	L2435588-08	Chloroform (Trichloromethane)	N	Yes	9.6 J	97.0 U	MBK
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	N	Yes	U	UJ	MSD
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	3-(Perfluoroheptyl)propanoic acid (7:3 FTCA)	N	Yes	U	UJ	LCS, MSD
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	N	Yes	U	UJ	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	4,8-Dioxa-3H-Perfluorononanoic Acid (ADONA)	N	Yes	U	UJ	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	N	Yes	U	UJ	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	N	Yes	U	UJ	LCS, IDL
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	N	Yes	U	UJ	LCS, MSD
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	N	Yes	U	UJ	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	N	Yes	U	UJ	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	N	Yes	U	UJ	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	N	Yes	U	UJ	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	Perfluoro(2-ethoxyethane) sulphonic acid (PFEESA)	N	Yes	U	UJ	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	Perfluoro-2-propoxypropanoic acid (PFPrOPrA)(GenX) (HFPO-DA)	N	Yes	U	UJ	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	Perfluorobutanesulfonic acid (PFBS)	N	Yes	U	UJ	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	Perfluorodecanoic acid (PFDA)	N	Yes	0.092 J	0.092 J	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	Perfluorododecane sulfonic acid (PFDoDS)	N	Yes	U	UJ	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	Perfluorododecanoic acid (PFDoDA)	N	Yes	0.041 J	0.041 J	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	Perfluoroheptanoic acid (PFHpA)	N	Yes	0.096 J	0.096 J	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	Perfluorohexanoic acid (PFHxA)	N	Yes	0.096 J	0.096 J	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	Perfluorooctanesulfonic acid (PFOS)	N	Yes	1.03	1.03 J	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	Perfluorooctanoic acid (PFOA)	N	Yes	0.28	0.28 J	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	Perfluoropentanoic acid (PFPeA)	N	Yes	0.138 J	0.138 J	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	Perfluorotetradecanoic acid (PFTeDA)	N	Yes	U	UJ	LCS
L2435588	E1633	NA	TB-DOC58-062424-0840	L2435588-09	Perfluoroundecanoic acid (PFUnDA)	N	Yes	0.051 J	0.051 J	LCS
L2435588	SW6010D	NA	TB-DOC58-062424-0840	L2435588-09	Arsenic	N	Yes	43.8	43.8 J-	MSD
L2435588	SW6010D	NA	TB-DOC58-062424-0840	L2435588-09	Cadmium	N	Yes	0.156 J	0.156 J-	MSD
L2435588	SW6010D	NA	TB-DOC58-062424-0840	L2435588-09	Chromium	N	Yes	9.29	9.29 J-	MSD
L2435588	SW6010D	NA	TB-DOC58-062424-0840	L2435588-09	Copper	N	Yes	71.6	71.6 J-	MSD
L2435588	SW6010D	NA	TB-DOC58-062424-0840	L2435588-09	Lead	N	Yes	200	200 J-	MSD
L2435588	SW6010D	NA	TB-DOC58-062424-0840	L2435588-09	Potassium	N	Yes	621	621 J+	MSD
L2435588	SW8081B	NA	TB-DOC58-062424-0840	L2435588-09	4,4'-DDE	N	Yes	1.61 J	1.61 J	RPD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	1,1,2,2-Tetrachloroethane	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	1,1,2-Trichloroethane	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	1,2,3-Trichlorobenzene	N	Yes	U	R	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	1,2,4-Trichlorobenzene	N	Yes	U	R	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	1,2-Dibromo-3-chloropropane (DBCP)	N	Yes	U	UJ	LCS, MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	1,2-Dibromoethane (Ethylene Dibromide)	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	1,2-Dichlorobenzene	N	Yes	U	UJ	MSD

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	1,2-Dichloroethane	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	1,2-Dichloropropane	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	1,3-Dichlorobenzene	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	1,4-Dichlorobenzene	N	Yes	U	R	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	2-Hexanone (Methyl Butyl Ketone)	N	Yes	U	UJ	LCS, MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	Yes	U	UJ	LCS
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	Benzene	N	Yes	2	2 J	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	Bromodichloromethane	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	Bromoform	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	Carbon disulfide	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	Chlorobenzene	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	Chlorobromomethane	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	Chloroform (Trichloromethane)	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	cis-1,2-Dichloroethene	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	cis-1,3-Dichloropropene	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	Dibromochloromethane	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	Ethylbenzene	N	Yes	0.28 J	0.28 J	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	Isopropylbenzene (Cumene)	N	Yes	0.24 J	0.24 J	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	m,p-Xylenes	N	Yes	1.2 J	1.2 J	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	Methylene chloride (Dichloromethane)	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	o-Xylene	N	Yes	1 J	1 J	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	Styrene	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	Tetrachloroethene	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	Toluene	N	Yes	2.7	2.7 J	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	trans-1,2-Dichloroethene	N	Yes	U	UJ	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	trans-1,3-Dichloropropene	N	Yes	U	R	MSD
L2435588	SW8260D	NA	TB-DOC58-062424-0840	L2435588-09	Trichloroethene	N	Yes	1	1 J	MSD
L2435588	SW8270E	NA	TB-DOC58-062424-0840	L2435588-09	1,4-Dioxane	N	Yes	U	UJ	MSD
L2435588	SW8270E	NA	TB-DOC58-062424-0840	L2435588-09	2,4-Dinitrophenol	N	Yes	U	R	MSD
L2435588	SW8270E	NA	TB-DOC58-062424-0840	L2435588-09	2-Nitrophenol	N	Yes	U	UJ	MSD
L2435588	SW8270E	NA	TB-DOC58-062424-0840	L2435588-09	3,3'-Dichlorobenzidine	N	Yes	U	UJ	MSD
L2435588	SW8270E	NA	TB-DOC58-062424-0840	L2435588-09	4,6-Dinitro-2-methylphenol	N	Yes	U	R	MSD
L2435588	SW8270E	NA	TB-DOC58-062424-0840	L2435588-09	4-Nitroaniline	N	Yes	U	UJ	MSD
L2435588	SW8270E	NA	TB-DOC58-062424-0840	L2435588-09	Hexachlorocyclopentadiene	N	Yes	U	R	MSD
L2435588	SW8270E	NA	TB-DOC58-062424-0840	L2435588-09	Hexachloroethane	N	Yes	U	UJ	MSD
L2435588	SW8270E	NA	TB-DOC58-062424-0840	L2435588-09	Phenol	N	Yes	42 J	42 J+	LCS
L2435588	SW6010D	NA	TB-DOC59-062424-0900	L2435588-10	Arsenic	N	Yes	14.1	14.1 J-	MSD
L2435588	SW6010D	NA	TB-DOC59-062424-0900	L2435588-10	Cadmium	N	Yes	0.404 J	0.404 J-	MSD
L2435588	SW6010D	NA	TB-DOC59-062424-0900	L2435588-10	Chromium	N	Yes	6.24	6.24 J-	MSD
L2435588	SW6010D	NA	TB-DOC59-062424-0900	L2435588-10	Copper	N	Yes	31.8	31.8 J-	MSD
L2435588	SW6010D	NA	TB-DOC59-062424-0900	L2435588-10	Lead	N	Yes	137	137 J-	MSD
L2435588	SW6010D	NA	TB-DOC59-062424-0900	L2435588-10	Potassium	N	Yes	537	537 J+	MSD
L2435588	SW8260D	NA	TB-DOC59-062424-0900	L2435588-10	1,2-Dibromo-3-chloropropane (DBCP)	N	Yes	U	UJ	LCS
L2435588	SW8260D	NA	TB-DOC59-062424-0900	L2435588-10	2-Hexanone (Methyl Butyl Ketone)	N	Yes	U	UJ	LCS
L2435588	SW8260D	NA	TB-DOC59-062424-0900	L2435588-10	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	N	Yes	U	UJ	LCS
L2435588	SW6010D	NA	TB-DOC60-062424-0910	L2435588-11	Arsenic	N	Yes	57.2	57.2 J-	MSD
L2435588	SW6010D	NA	TB-DOC60-062424-0910	L2435588-11	Cadmium	N	Yes	1.18	1.18 J-	MSD
L2435588	SW6010D	NA	TB-DOC60-062424-0910	L2435588-11	Chromium	N	Yes	11.3	11.3 J-	MSD
L2435588	SW6010D	NA	TB-DOC60-062424-0910	L2435588-11	Copper	N	Yes	117	117 J-	MSD
L2435588	SW6010D	NA	TB-DOC60-062424-0910	L2435588-11	Lead	N	Yes	587	587 J-	MSD
L2435588	SW6010D	NA	TB-DOC60-062424-0910	L2435588-11	Potassium	N	Yes	681	681 J+	MSD
L2435588	SW8270E	NA	TB-DOC60-062424-0910	L2435588-11	Phenol	N	Yes	40 J	40 J+	LCS
L2435588	SW6010D	NA	TB-DOC61-062424-0925	L2435588-12	Arsenic	N	Yes	43.6	43.6 J-	MSD
L2435588	SW6010D	NA	TB-DOC61-062424-0925	L2435588-12	Cadmium	N	Yes	0.623 J	0.623 J-	MSD
L2435588	SW6010D	NA	TB-DOC61-062424-0925	L2435588-12	Chromium	N	Yes	6.96	6.96 J-	MSD

TABLE 10
SYSTEM PERFORMANCE SUMMARY
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

SDG	Method	Basis	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2435588	SW6010D	NA	TB-DOC61-062424-0925	L2435588-12	Copper	N	Yes	59.3	59.3 J-	MSD
L2435588	SW6010D	NA	TB-DOC61-062424-0925	L2435588-12	Lead	N	Yes	161	161 J-	MSD
L2435588	SW6010D	NA	TB-DOC61-062424-0925	L2435588-12	Potassium	N	Yes	588	588 J+	MSD
L2435588	SW8260D	NA	TB-DOC61-062424-0925	L2435588-12	Chloroform (Trichloromethane)	N	Yes	8.8 J	91.0 U	MBK
L2435588	SW8270E	NA	TB-DOC61-062424-0925	L2435588-12	Phenol	N	Yes	35 J	35 J+	LCS
L2435588	SW6010D	NA	TB-DOC62-062424-0940	L2435588-13	Arsenic	N	Yes	84.9	84.9 J-	MSD
L2435588	SW6010D	NA	TB-DOC62-062424-0940	L2435588-13	Cadmium	N	Yes	0.892	0.892 J-	MSD
L2435588	SW6010D	NA	TB-DOC62-062424-0940	L2435588-13	Chromium	N	Yes	7.22	7.22 J-	MSD
L2435588	SW6010D	NA	TB-DOC62-062424-0940	L2435588-13	Copper	N	Yes	61.6	61.6 J-	MSD
L2435588	SW6010D	NA	TB-DOC62-062424-0940	L2435588-13	Lead	N	Yes	207	207 J-	MSD
L2435588	SW6010D	NA	TB-DOC62-062424-0940	L2435588-13	Potassium	N	Yes	471	471 J+	MSD
L2435588	SW8270E	NA	TB-DOC62-062424-0940	L2435588-13	Phenol	N	Yes	46 J	46 J+	LCS
L2435588	E1633	NA	4444-062424-0001	L2435588-14	Perfluorobutanoic acid (PFBA)	N	Yes	1.24 J	5.93 U	MBK
L2438667	SW6010D	NA	TB-DOC63-071024-1050	L2438667-01	Chromium	N	Yes	8.87	8.87 J	DUP
L2438667	SW6010D	NA	TB-DOC63-071024-1050	L2438667-01	Iron	N	Yes	30700	30700 J	DUP
L2438667	SW6010D	NA	TB-DOC63-071024-1050	L2438667-01	Manganese	N	Yes	476	476 J	DUP
L2438667	SW6010D	NA	TB-DOC63-071024-1050	L2438667-01	Zinc	N	Yes	90	90 J-	MSD
L2438667	SW6010D	NA	TB-DOC64-071024-1030	L2438667-02	Chromium	N	Yes	7.94	7.94 J	DUP
L2438667	SW6010D	NA	TB-DOC64-071024-1030	L2438667-02	Iron	N	Yes	16100	16100 J	DUP
L2438667	SW6010D	NA	TB-DOC64-071024-1030	L2438667-02	Manganese	N	Yes	350	350 J	DUP
L2438667	SW6010D	NA	TB-DOC64-071024-1030	L2438667-02	Zinc	N	Yes	78.1	78.1 J-	MSD

Notes:

LCS = Laboratory control/laboratory control spike duplicate percent recoveries or relative percent difference were outside the specified limits.

SUR = Surrogate percent recovery outside the specified limits.

IDL = Isotope dilution outside the specified limits.

MBK = Method blank contamination.

EBK = Equipment blank contamination.

ION = Ion ratios were reviewed and were outside the limits of 50-150%; or the signal to noise ratios (S/N) were not ≥ 10 for all ions used for quantitation; or ≥ 3 for all ions used for confirmation.

EXE = Result exceeds the calibration range.

DUP = Laboratory duplicate relative percent difference exceeds the specified limits.

RPD = Pesticides and PCB confirmation column RPD Exceeded; or MSD/LCS RPD exceedance.

MSD = Matrix spike/matrix spike duplicate percent recoveries or relative percent difference were outside the specified limits.

FDP = Field duplicate qualifier due to an exceedance of the specified limits.

ARA = Another more viable result is available, whether due to dilution, resampling, etc.

J- = The result is an estimated quantity, but the result may be biased low.

J+ = The result is an estimated quantity, but the result may be biased high.

U = The compound was analyzed for but not detected.

UJ = The compound was not detected above the reported sample quantitation limit; however, the reported limit is estimated and may or may not represent the actual limit of quantitation.

R = The sample results were rejected as unusable; the compound may or may not be present in the sample.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

Data Usability Summary Report

Project Name: 65 Trowbridge St., Morse Lumber Co.

Project Description: Water Samples

Sample Date(s): 30 September through 02 October 2024

Analytical Laboratory: Alpha Analytical Laboratories, Inc. – Westborough, MA

Validation Performed by: Gabrielle Davis

Validation Reviewed by: Vanessa Godard

Validation Date: 19 December 2024

H & A of New York Engineering and Geology, LLP prepared this Data Usability Summary Report (DUSR) to summarize the review and validation of the analytical results for Sample Delivery Groups (SDGs) listed. This DUSR is organized into the following sections:

1. **Sample Delivery Group Numbers L2456776 and L2457114**
2. **Explanations**
3. **Glossary**
4. **Abbreviations**
5. **Qualifiers**

References

This data validation and usability assessment was performed per the guidance and requirements established by the United States Environmental Protection Agency (USEPA) using the following reference materials:

- National Functional Guidelines (NFG) for Inorganic Data Review.
- NFG for Organic Data Review.
- The project-specific Quality Assurance Project Plan (QAPP), herein referred to as the specified limits (see references section).

Data reported in this sampling event were reported to the laboratory method detection limit (MDL). Results found between the MDL and reporting limit (RL) are flagged J as estimated.

Sample data were qualified in accordance with the laboratory's standard operating procedures (SOPs). The results presented in each laboratory report were found to be compliant with the data quality objectives (DQOs) for the project and are therefore usable; any exceptions are noted in the following pages.

1. Sample Delivery Group Numbers L2456776 and L2457114

1.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number(s):

- L2456776, dated 08 October 2024; and
- L2457114, dated 09 October 2024.

Samples were collected, preserved, and shipped following standard chain of custody (COC) protocols.

Samples were also received appropriately, identified correctly, and analyzed according to the COC. Issues noted with sample management are listed below:

- Custody seals were not used on the sample cooler(s).
- The sample identified as 4444-100224-0002 on the COC was identified as 4444-100224-0001 on the container label. The client requested that the sample be reported as 4444-100224-0002.

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Date	Matrix	Methods
MW3-093024-1120	N	L2456776-01	09/30/2024	WG	A, B, C, D, E, F
MW2-093024-1350	N	L2456776-02	09/30/2024	WG	A, B, C, D, E, F
MW7-093024-1430	N	L2456776-03	09/30/2024	WG	A, B, C, D, E, F
MW4R-093024-1500	N	L2456776-04	09/30/2024	WG	A, B, C, D, E, F
MW10-100124-1220	N	L2456776-05	10/01/2024	WG	A, B, C, D, E, F
4444-093024-0001	TB	L2456776-06	09/30/2024	WQ	F
4444-100124-0002	EB	L2456776-07	10/01/2024	WQ	A, B, C, D, E, F
MW5-100224-0820	N	L2457114-01	10/02/2024	WG	A, B, C, D, E, F
MW9-100224-0910	N	L2457114-02	10/02/2024	WG	A, B, C, D, E, F
MW1-100224-0950	N	L2457114-03	10/02/2024	WG	A, B, C, D, E, F
4444-100224-0001	TB	L2457114-04	10/02/2024	WQ	F
4444-100224-0002	FD	L2457114-05	10/02/2024	WG	A, B, C, D, E, F

Method Holding Times			
A.	SW8270E	Semivolatile Organic Compounds (SVOCs)	7 days extraction / 40 days analysis for liquid, unpreserved
B.	SW8270E SIM	Polycyclic Aromatic Hydrocarbons (PAHs)	7 days extraction / 40 days analysis for liquid, unpreserved
C.	SW9012B	Cyanide, Total	14 days for liquid, unpreserved
D.	SW6020B	Metals, Total and Dissolved	180 days for liquid, preserved
E.	SW7470A	Mercury, Total and Dissolved	28 days for liquid, preserved
F.	SW8260D	Volatile Organic Compounds (VOCs)	14 days for liquid, preserved 7 days for liquid, unpreserved

1.2 MULTIPLE SAMPLE RESULTS

The laboratory reported multiple results for the samples listed below. The validator chose the results that best met the DQOs of the project.

Lab ID	Analysis Date/Time	Method	Analyte	Qualification
L2457114-02	10/7/2024 10:36:00 AM	SW8270E SIM	Naphthalene 2-Methylnaphthalene	The sample required dilution due to a calibration exceedance. The laboratory marked the original results non-reportable, and the reanalysis results were accepted.

1.3 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

1.4 REPORTING LIMITS AND SAMPLE DILUTIONS

The RLs for the samples within this SDG met or were below the minimum RL requirements specified by the project-specific QAPP, with the following exceptions:

- Dilution of the project samples were required to lower the concentration of the target analytes to within the instrument calibration range, control matrix interference, or address an abundance of non-target analytes present in the sample matrix.
- The RL reported by the laboratory for thallium (0.001 milligrams per liter [mg/L]) exceeds the QAPP RL (0.0005 mg/L).

1.5 SURROGATE RECOVERY COMPLIANCE

Refer to Section E 1.2. The percent recovery (%R) for each surrogate compound added to each project sample were determined to be within the laboratory-specified quality control (QC) limits, with the following exceptions:

Method	Sample ID	Lab ID	Surrogate	Dilution	%R	Qualification
SW8270E SIM	MW1-100224-0950	L2457114-03	2-Fluorophenol	1x	20%	J-/UJ target compounds*

** Compounds targeted by 2-Fluorophenol: Pentachlorophenol*

1.6 LABORATORY CONTROL SAMPLES

Refer to Section E 1.3. Compounds associated with the laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses associated with client samples exhibited recoveries and relative percent differences (RPDs) within the specified limits, with the following exceptions:

Sample Type	Method	Batch ID	Analyte	%R/RPD	Qualifier	Affected Samples
LCS/LCSD	SW8260D	WG1981098	Cyclohexane	170%/170%	J/None	L2456776-01
			1,4-Dioxane	RPD = 22		None, samples are non-detect (ND)
			Methyl cyclohexane	170%/160%		L2456776-01
		WG1981425	Trichlorofluoromethane	39%/36%	J/UJ	L2457114-01, -03 through -05
			Bromomethane	24%/25%		
			Chloroethane	46%/45%		
LCS	SW8270E	WG1980657	p-Chloro-m-cresol	98%	J+/None	None, samples are ND

1.7 MATRIX SPIKE SAMPLES

Refer to Section E 1.4. The sample(s) below were used for matrix spike/matrix spike duplicate (MS/MSD):

Lab Sample Number	Matrix Spike/Matrix Spike Duplicate Sample Client ID	Method(s)
L2457114-01	MW5-100224-0820	SW7470A (Dissolved)
L2457114-05	4444-100224-0002	SW9012B

The MS/MSD recoveries and the relative percent difference (RPD) between the MS and MSD results were within the specified limits.

1.8 BLANK SAMPLE ANALYSIS

Refer to Section E 1.5. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred, with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Method Blank	1980392-1	Anthracene	0.02 J µg/L	RL U	L2456776-02
		2-Methylnaphthalene	0.03 J µg/L	NA	None, samples >10X blank
		Pentachlorophenol	0.14 J µg/L	RL U	L2456776-07
	1979937-1	Antimony, Dissolved	0.00068 J mg/L		L2456776-01, -03, -05
		Arsenic, Dissolved	0.00017 J mg/L		L2456776-07
				Result U	L2456776-03
				J+	L2456776-04
	1979937-1	Sodium, Dissolved	0.0549 J mg/L	RL U	L2456776-07
	1980711-1	Barium, Total	0.00018 J mg/L	NA	None, samples >10X blank
		Copper, Total*	0.00119 J mg/L	RL U	L2456776-02
				Result U	L2456776-01
				J+	L2456776-03, -04, -05, -07
	1980658-1	Naphthalene	0.23 µg/L	NA	None, samples >10X blank
		2-Methylnaphthalene	0.03 J µg/L		

**Some qualifications were updated due to equipment blank contamination – see below.*
Note: *µg/L = micrograms per liter*

The analysis of the blank samples for field quality control was free of target compounds, with the following exceptions:

Blank Type	Blank ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Equipment Blank	4444-100124-0002	Aluminum, Total	0.00341 mg/L	NA	None, samples >10X blank
		Potassium, Total	0.0309 mg/L		
		Sodium, Total	0.177 mg/L		
		Arsenic, Total	0.00020 mg/L	RL U	L2457114-03
				J+	L2456776-03
		Chromium, Total	0.00023 mg/L	RL U	L2456776-02, L2457114-03
				Result U	L2456776-01, L2457114-01
				J+	L2456776-03, L2457114-02

Blank Type	Blank ID	Analyte Detected in Blank	Concentration	Qualifier	Affected Samples
Equipment Blank	4444-100124-0002	Copper, Total	0.00675 mg/L	RL U	L2456776-02
				Result U	L2456776-01, -03, -04 L2457114-01, -02
				J+	L2456776-05 L2457114-03, -05
		Calcium, Total	0.377 mg/L	NA	None, samples >10X blank
		Sodium, Dissolved	0.0926 mg/L	NA	None, qualified ND due to MB contamination
		Arsenic, Dissolved	0.00017 mg/L		
		Barium, Dissolved	0.00040 mg/L	NA	None, samples >10X blank
		Mercury, Dissolved	0.00026 mg/L	NA	None, samples are ND
		Acetone	4.3 µg/L	RL U	L2456776-01 through -05
		Pentachlorophenol	0.12 µg/L	NA	None, qualified ND due to MB contamination

1.9 DUPLICATE SAMPLE ANALYSIS

Refer to Section E 1.6. The following sample(s) were used for laboratory duplicate analysis and the RPDs were all below 20 percent (or the absolute difference rule was satisfied if detects were less than 5 times the RL).

Lab Sample Number	Laboratory Duplicate Sample Client ID	Method(s)
L2457114-01	MW5-100224-0820	SW7470A (Dissolved)

The following sample(s) were used for field duplicate analysis. RPDs were all below 35 percent for water (or the absolute difference rule was satisfied if detects were less than 5 times the RL). Any exceptions are noted below and qualified:

Primary Sample ID	Duplicate Sample ID	Method(s)
MW5-100224-0820	4444-100224-0002	SW6020B, SW7470A, SW8260D, SW8270E, SW8270ESIM, SW9012B

Field Duplicate RPD Calculations:

Method	Analyte	Units	Primary Sample ID	Duplicate Sample ID	% RPD	Qualification
			MW5-100224-0820	4444-100224-0002		
SW 6020B	Arsenic, Total	mg/L	0.00216	0.0057	NA	J/UJ, Abs. Diff. > RL
	Chromium, Total		0.00118*	0.00324	NA	J/UJ, Abs. Diff. > RL
	Cobalt, Total		0.00145	0.00258	NA	J/UJ, Abs. Diff. > RL
	Nickel, Total		0.00184 J	0.00386	NA	J/UJ, Abs. Diff. > RL
	Zinc, Total		0.03849	0.09212	NA	J/UJ, Abs. Diff. > RL
SW 8270E SIM	Benzo(a)anthracene	µg/L	0.24	0.05 J	NA	J/UJ, Abs. Diff. > RL
	Benzo(a)pyrene		0.28	0.07 J	NA	J/UJ, Abs. Diff. > RL
	Benzo(b)fluoranthene		0.35	0.08 J	NA	J/UJ, Abs. Diff. > RL
	Benzo(g,h,i)perylene		0.24	0.07 J	NA	J/UJ, Abs. Diff. > RL
	Chrysene		0.22	0.05 J	NA	J/UJ, Abs. Diff. > RL
	Fluoranthene		0.4	0.1 J	NA	J/UJ, Abs. Diff. > RL
	Indeno(1,2,3-cd)pyrene		0.21	0.06 J	NA	J/UJ, Abs. Diff. > RL
	Pyrene		0.42	0.13	NA	J/UJ, Abs. Diff. > RL
SW 8270E	Caprolactam		50	14	NA	J/UJ, Abs. Diff. > RL
SW 6020B	Aluminum, Total	mg/L	0.203	0.725	113	J/UJ, RPD>35
	Copper, Total		0.00711*	0.01788	86	J/UJ, RPD>35
	Iron, Dissolved		0.466	0.668	36	J/UJ, RPD>35
	Iron, Total		1.69	4.03	82	J/UJ, RPD>35
	Lead, Total		0.01044	0.03588	110	J/UJ, RPD>35
	Manganese, Total		0.536	0.8164	41	J/UJ, RPD>35
	Sodium, Total		35.9	24.9	36	J/UJ, RPD>35

**Qualified ND due to method blank contamination.*

1.10 PRECISION AND ACCURACY

Refer to Section E 1.7. Where required by the method, some measurement of analytical accuracy and precision was reported for each method with the site samples.

1.11 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the DQOs for the project and the guidelines specified by the analytical method. Based on the review of this report, the data are useable and acceptable, as no data was rejected. A summary of qualifiers applied to this dataset is shown in Table 1.

2. Explanations

The following explanations include more detailed information regarding each of the sections in the DUSR above. Not all sections in the Explanations are represented:

- E 1.2 Surrogate Recovery Compliance
  - Surrogates, also known as system monitoring compounds, are compounds added to each sample prior to sample preparation to determining the efficiency of the extraction procedure by evaluating the percent recovery (%R) of the compounds.
- E 1.3 Laboratory Control Samples
  - The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses are used to assess the precision and accuracy of the analytical method independent of matrix interferences.
- E 1.4 Matrix Spike Samples
  - Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effects of the sample matrix on the sample preparation procedures and measurement methodologies.
  - For inorganic methods, when a matrix spike recovery falls outside of the control limits and the sample result is less than four times the spike added, a post-digestion spike (PDS) is performed.
- E 1.5 Blank Sample Analysis
  - Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination.
  - Field blanks are prepared to identify contamination that may have been introduced during field activity. Equipment blanks are prepared to identify contamination that may have been introduced while decontaminating sampling equipment. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport.
- E 1.6 Laboratory and Field Duplicate Sample Analysis
  - The laboratory duplicate sample analysis is used by the laboratory at the time of the analysis to demonstrate acceptable method precision. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
  - The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The relative percent difference (RPD) or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.

- E 1.7 Precision and Accuracy
  - Precision measures the reproducibility of repetitive measurements. In a laboratory environment, this will be measured by determining the relative percent difference (RPD) found between a primary and a duplicate sample. This can be an LCS/LCSD pair, a MS/MSD pair, a laboratory duplicate performed on a site sample, or a field duplicate collected and analyzed concurrently with a site sample.
  - Accuracy is a statistical measurement of the correctness of a measured value and includes components of random error (variability caused by imprecision) and systematic error. In a laboratory environment, this will be measured by determining the percent recovery (%R) of certain spiked compounds. This can be assessed using LCS, blank spike (BS), MS, and/or surrogate recoveries.

3. Glossary

Not all of the following symbols, acronyms, or qualifiers occur in this document.

- Sample Types:
  - EB Equipment Blank Sample
  - FB Field Blank Sample
  - FD Field Duplicate Sample
  - N Primary Sample
  - TB Trip Blank Sample
- Units:
  - µg/kg micrograms per kilogram
  - µg/L micrograms per liter
  - µg/m^3 micrograms per cubic meter
  - mg/kg milligrams per kilogram
  - mg/L milligrams per liter
  - ppb v/v parts per billion volume/volume
  - pCi/L picocuries per liter
  - pg/g picograms per gram
  - pg/L picograms per liter
- Matrices:
  - AA Ambient Air
  - GS Soil Gas
  - GW/WG Groundwater
  - QW Water Quality
  - IA Indoor Air
  - SE Sediment
  - SO Soil
  - SSV Sub-slab Vapor
  - WQ Water Quality control matrix
  - WS Surface Water
- Table Footnotes:
  - NA Not applicable
  - ND Non-detect
  - NR Not reported
- Common Symbols:
  - % percent
  - < less than
  - ≤ less than or equal to
  - > greater than
  - ≥ greater than or equal to
  - = equal
  - °C degrees Celsius
  - ± plus or minus
  - ~ approximately
  - x times (multiplier)

- Fractions:
  - N Normal (method cannot be filtered)
  - D Dissolved (filtered)
  - T Total (unfiltered)

4. Abbreviations

%D	Percent Difference
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation
%v/v	Percent volume by volume
2s	2 sigma
4,4-DDT	4 4-dichlorodiphenyltrichloroethane
Abs Diff	Absolute Difference
amu	atomic mass unit
BPJ	Best Professional Judgement
BS	Blank Spike
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
CCVL	Continuing Calibration Verification Low
COC	Chain of Custody
COM	Combined Isotope Calculation
Cr (VI)	Hexavalent Chromium
CRI	Collision Reaction Interface
DoD	Department of Defense
DQO	data quality objective
DUSR	Data Usability Summary Report
EIS	Extraction Internal Standard
EMPC	Estimated Maximum Possible Concentration
FBK	Field Blank Contamination
FDP	Field Duplicate
GC	Gas Chromatograph
GC/MS	Gas Chromatography/Mass Spectrometry
GPC	Gel Permeation Chromatography
H_2	Hydrogen gas
HCl	Hydrochloric Acid
ICAL	Initial Calibration
ICB	Initial Calibration Blank
ICP/MS	Inductively Coupled Plasma/Mass Spectrometry
ICV	Initial Calibration Verification
ICVL	Initial Calibration Verification Low
IPA	Isopropyl Alcohol
LC	Laboratory Control
LCS/LCSD	Laboratory Control Sample/Laboratory Control Sample Duplicate
MBK	Method Blank Contamination
MDC	Minimum Detectable Concentration
MDL	Laboratory Method Detection Limit
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NA	not applicable
ND	Non-Detect
NFG	National Functional Guidelines
NH_3	Ammonia
NYSDEC	New York State Department of Environmental Conservation
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PDS	Post-Digestion Spike
PEM	Performance Evaluation Mixture
PFAS	Per- and Polyfluoroalkyl Substances
PFBA	Perfluorbutanoic Acid
PFD	Perfluorodecalin
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctane sulfonate
PFPeA	Perfluoropentanoic Acid
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
R^2	R-squared value
Ra-226	Radium-226
Ra-228	Radium-228
RESC	Resolution Check Measure
RL	Laboratory Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
RT	Retention Time
SAP	Sampling Analysis Plan
SDG	Sample Delivery Group
SIM	Selected ion monitoring
SOP	Standard Operating Procedure
SPE	Solid-Phase Extraction
SVOC	Semi-Volatile Organic Compound
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
TKN	Total Kjeldahl Nitrogen
TPH	Total Petroleum Hydrocarbon
TPU	Total Propagated Uncertainty
USEPA	U.S. Environmental Protection Agency
VOC	Volatile Organic Compound
WP	Work Plan

5. Qualifiers

The qualifiers below are from the USEPA National Functional Guidelines and the data in the DUSR may contain these qualifiers:

- Concentration (C) Qualifiers:

  U The compound was analyzed for but not detected. The associated value is either the compound quantitation limit if not detected by the analytical instrument or could be the reported or blank concentration if qualified by blank contamination. This can also be displayed as less than the associated compound quantitation limit (<RL or <MDL), or "ND".

  B The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers:

  E The compound was quantitated above the calibration range.

  D The concentration is based on a diluted sample analysis.

- Validation Qualifiers:

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  J+ The result is an estimated quantity, but the result may be biased high.

  J- The result is an estimated quantity, but the result may be biased low.

  J/UJ as listed in exception tables J applies to detected data and UJ applies to non-detected data as reported by the laboratory.

  UJ The compound was not detected. The reported sample quantitation limit is approximate.

  NJ The analysis indicated the presence of a compound for which there is presumptive evidence to make a tentative identification; the associated numerical value is an estimated concentration only.

  R The sample results were rejected as unusable; the compound may or may not be present in the sample.

  S Result is suspect. See DUSR for details.

References

1. Haley & Aldrich, Inc., 2020. Quality Assurance Project Plan. Portion of 65 Trowbridge Street, Rochester, New York. December.
2. United States Environmental Protection Agency, 2020a. National Functional Guidelines for Inorganic Superfund Methods Data Review. EPA-542-R-20-006. November.
3. United States Environmental Protection Agency, 2020b. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-20-005. November.

Attachments:

Table 1 – System Performance Summary

TABLE

TABLE 1
SYSTEM PERFORMANCE SUMMARY
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

SDG	Method	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2457114	SW6020B	MW1-100224-0950	L2457114-03	Arsenic	T	Yes	0.00049 J	0.0005 U	EBK
L2457114	SW6020B	MW1-100224-0950	L2457114-03	Chromium	T	Yes	0.00047 J	0.001 U	EBK
L2457114	SW6020B	MW1-100224-0950	L2457114-03	Copper	T	Yes	0.00965	0.00965 J+	EBK
L2456776	SW8260D	MW10-100124-1220	L2456776-05	Acetone	N	Yes	3.3 J	5.0 U	EBK
L2456776	SW6020B	MW2-093024-1350	L2456776-02	Chromium	T	Yes	0.0004 J	0.001 U	EBK
L2456776	SW8260D	MW2-093024-1350	L2456776-02	Acetone	N	Yes	1.5 J	5.0 U	EBK
L2456776	SW6020B	MW3-093024-1120	L2456776-01	Chromium	T	Yes	0.00109	0.00109 U	EBK
L2456776	SW8260D	MW3-093024-1120	L2456776-01	Acetone	N	Yes	4.8 J	5.0 U	EBK
L2456776	SW8260D	MW4R-093024-1500	L2456776-04	Acetone	N	Yes	2.4 J	5.0 U	EBK
L2456776	SW6020B	MW7-093024-1430	L2456776-03	Arsenic	T	Yes	0.00094	0.00094 J+	EBK
L2456776	SW6020B	MW7-093024-1430	L2456776-03	Chromium	T	Yes	0.00192	0.00192 J+	EBK
L2456776	SW8260D	MW7-093024-1430	L2456776-03	Acetone	N	Yes	2 J	5.0 U	EBK
L2457114	SW6020B	MW9-100224-0910	L2457114-02	Chromium	T	Yes	0.00152	0.00152 J+	EBK
L2457114	SW6020B	MW9-100224-0910	L2457114-02	Copper	T	Yes	0.0019	0.0019 U	EBK
L2457114	SW6020B	4444-100224-0002	L2457114-05	Copper	T	Yes	0.01788	0.01788 J+	EBK, FDP
L2457114	SW6020B	MW5-100224-0820	L2457114-01	Chromium	T	Yes	0.00118	0.00118 UJ	EBK, FDP
L2457114	SW6020B	MW5-100224-0820	L2457114-01	Copper	T	Yes	0.00711	0.00711 UJ	EBK, FDP
L2457114	SW8270ESIM	MW9-100224-0910	L2457114-02	2-Methylnaphthalene	N	No	62	62	EXE
L2457114	SW8270ESIM	MW9-100224-0910	L2457114-02	Naphthalene	N	No	92	92	EXE
L2457114	SW6020B	4444-100224-0002	L2457114-05	Aluminum	T	Yes	0.725	0.725 J	FDP
L2457114	SW6020B	4444-100224-0002	L2457114-05	Arsenic	T	Yes	0.0057	0.0057 J	FDP
L2457114	SW6020B	4444-100224-0002	L2457114-05	Chromium	T	Yes	0.00324	0.00324 J	FDP
L2457114	SW6020B	4444-100224-0002	L2457114-05	Cobalt	T	Yes	0.00258	0.00258 J	FDP
L2457114	SW6020B	4444-100224-0002	L2457114-05	Iron	T	Yes	4.03	4.03 J	FDP
L2457114	SW6020B	4444-100224-0002	L2457114-05	Iron	D	Yes	0.668	0.668 J	FDP
L2457114	SW6020B	4444-100224-0002	L2457114-05	Lead	T	Yes	0.03588	0.03588 J	FDP
L2457114	SW6020B	4444-100224-0002	L2457114-05	Manganese	T	Yes	0.8164	0.8164 J	FDP
L2457114	SW6020B	4444-100224-0002	L2457114-05	Nickel	T	Yes	0.00386	0.00386 J	FDP
L2457114	SW6020B	4444-100224-0002	L2457114-05	Sodium	T	Yes	24.9	24.9 J	FDP
L2457114	SW6020B	4444-100224-0002	L2457114-05	Zinc	T	Yes	0.09212	0.09212 J	FDP
L2457114	SW8270E	4444-100224-0002	L2457114-05	Caprolactam	N	Yes	14	14 J	FDP
L2457114	SW8270ESIM	4444-100224-0002	L2457114-05	Benzo(a)anthracene	N	Yes	0.05 J	0.05 J	FDP
L2457114	SW8270ESIM	4444-100224-0002	L2457114-05	Benzo(a)pyrene	N	Yes	0.07 J	0.07 J	FDP
L2457114	SW8270ESIM	4444-100224-0002	L2457114-05	Benzo(b)fluoranthene	N	Yes	0.08 J	0.08 J	FDP
L2457114	SW8270ESIM	4444-100224-0002	L2457114-05	Benzo(g,h,i)perylene	N	Yes	0.07 J	0.07 J	FDP
L2457114	SW8270ESIM	4444-100224-0002	L2457114-05	Chrysene	N	Yes	0.05 J	0.05 J	FDP

TABLE 1
SYSTEM PERFORMANCE SUMMARY
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

SDG	Method	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2457114	SW8270ESIM	4444-100224-0002	L2457114-05	Fluoranthene	N	Yes	0.1 J	0.1 J	FDP
L2457114	SW8270ESIM	4444-100224-0002	L2457114-05	Indeno(1,2,3-cd)pyrene	N	Yes	0.06 J	0.06 J	FDP
L2457114	SW8270ESIM	4444-100224-0002	L2457114-05	Pyrene	N	Yes	0.13	0.13 J	FDP
L2457114	SW6020B	MW5-100224-0820	L2457114-01	Aluminum	T	Yes	0.203	0.203 J	FDP
L2457114	SW6020B	MW5-100224-0820	L2457114-01	Arsenic	T	Yes	0.00216	0.00216 J	FDP
L2457114	SW6020B	MW5-100224-0820	L2457114-01	Cobalt	T	Yes	0.00145	0.00145 J	FDP
L2457114	SW6020B	MW5-100224-0820	L2457114-01	Iron	D	Yes	0.466	0.466 J	FDP
L2457114	SW6020B	MW5-100224-0820	L2457114-01	Iron	T	Yes	1.69	1.69 J	FDP
L2457114	SW6020B	MW5-100224-0820	L2457114-01	Lead	T	Yes	0.01044	0.01044 J	FDP
L2457114	SW6020B	MW5-100224-0820	L2457114-01	Manganese	T	Yes	0.536	0.536 J	FDP
L2457114	SW6020B	MW5-100224-0820	L2457114-01	Nickel	T	Yes	0.00184 J	0.00184 J	FDP
L2457114	SW6020B	MW5-100224-0820	L2457114-01	Sodium	T	Yes	35.9	35.9 J	FDP
L2457114	SW6020B	MW5-100224-0820	L2457114-01	Zinc	T	Yes	0.03849	0.03849 J	FDP
L2457114	SW8270E	MW5-100224-0820	L2457114-01	Caprolactam	N	Yes	50	50 J	FDP
L2457114	SW8270ESIM	MW5-100224-0820	L2457114-01	Benzo(a)anthracene	N	Yes	0.24	0.24 J	FDP
L2457114	SW8270ESIM	MW5-100224-0820	L2457114-01	Benzo(a)pyrene	N	Yes	0.28	0.28 J	FDP
L2457114	SW8270ESIM	MW5-100224-0820	L2457114-01	Benzo(b)fluoranthene	N	Yes	0.35	0.35 J	FDP
L2457114	SW8270ESIM	MW5-100224-0820	L2457114-01	Benzo(g,h,i)perylene	N	Yes	0.24	0.24 J	FDP
L2457114	SW8270ESIM	MW5-100224-0820	L2457114-01	Chrysene	N	Yes	0.22	0.22 J	FDP
L2457114	SW8270ESIM	MW5-100224-0820	L2457114-01	Fluoranthene	N	Yes	0.4	0.4 J	FDP
L2457114	SW8270ESIM	MW5-100224-0820	L2457114-01	Indeno(1,2,3-cd)pyrene	N	Yes	0.21	0.21 J	FDP
L2457114	SW8270ESIM	MW5-100224-0820	L2457114-01	Pyrene	N	Yes	0.42	0.42 J	FDP
L2457114	SW8260D	4444-100224-0001	L2457114-04	Bromomethane (Methyl Bromide)	N	Yes	U	UJ	LCS
L2457114	SW8260D	4444-100224-0001	L2457114-04	Chloroethane	N	Yes	U	UJ	LCS
L2457114	SW8260D	4444-100224-0001	L2457114-04	Trichlorofluoromethane (CFC-11)	N	Yes	U	UJ	LCS
L2457114	SW8260D	4444-100224-0002	L2457114-05	Bromomethane (Methyl Bromide)	N	Yes	U	UJ	LCS
L2457114	SW8260D	4444-100224-0002	L2457114-05	Chloroethane	N	Yes	U	UJ	LCS
L2457114	SW8260D	4444-100224-0002	L2457114-05	Trichlorofluoromethane (CFC-11)	N	Yes	U	UJ	LCS
L2457114	SW8260D	MW1-100224-0950	L2457114-03	Bromomethane (Methyl Bromide)	N	Yes	U	UJ	LCS
L2457114	SW8260D	MW1-100224-0950	L2457114-03	Chloroethane	N	Yes	U	UJ	LCS
L2457114	SW8260D	MW1-100224-0950	L2457114-03	Trichlorofluoromethane (CFC-11)	N	Yes	U	UJ	LCS
L2456776	SW8260D	MW3-093024-1120	L2456776-01	Cyclohexane	N	Yes	1.4 J	1.4 J	LCS
L2456776	SW8260D	MW3-093024-1120	L2456776-01	Methylcyclohexane	N	Yes	44	44 J	LCS
L2457114	SW8260D	MW5-100224-0820	L2457114-01	Bromomethane (Methyl Bromide)	N	Yes	U	UJ	LCS
L2457114	SW8260D	MW5-100224-0820	L2457114-01	Chloroethane	N	Yes	U	UJ	LCS
L2457114	SW8260D	MW5-100224-0820	L2457114-01	Trichlorofluoromethane (CFC-11)	N	Yes	U	UJ	LCS

TABLE 1
SYSTEM PERFORMANCE SUMMARY
65 TROWBRIDGE STREET
ROCHESTER, NEW YORK

SDG	Method	Sample ID	Lab ID	Analyte	Fraction	Reportable Result	Reported Result	Validated Result	Reason for Qualifier
L2456776	SW6020B	4444-100124-0002	L2456776-07	Arsenic	D	Yes	0.00017 J	0.0005 U	MBK
L2456776	SW6020B	4444-100124-0002	L2456776-07	Copper	T	Yes	0.00675	0.00675 J+	MBK
L2456776	SW6020B	4444-100124-0002	L2456776-07	Sodium	D	Yes	0.0926 J	0.1 U	MBK
L2456776	SW8270ESIM	4444-100124-0002	L2456776-07	Pentachlorophenol	N	Yes	0.12 J	0.8 U	MBK
L2456776	SW6020B	MW10-100124-1220	L2456776-05	Antimony	D	Yes	0.00075 J	0.004 U	MBK
L2456776	SW8270ESIM	MW2-093024-1350	L2456776-02	Anthracene	N	Yes	0.08 J	0.1 U	MBK
L2456776	SW6020B	MW3-093024-1120	L2456776-01	Antimony	D	Yes	0.00068 J	0.004 U	MBK
L2456776	SW6020B	MW4R-093024-1500	L2456776-04	Arsenic	D	Yes	0.0012	0.0012 J+	MBK
L2456776	SW6020B	MW7-093024-1430	L2456776-03	Antimony	D	Yes	0.00052 J	0.004 U	MBK
L2456776	SW6020B	MW7-093024-1430	L2456776-03	Arsenic	D	Yes	0.00056	0.00056 U	MBK
L2456776	SW6020B	MW10-100124-1220	L2456776-05	Copper	T	Yes	0.01866	0.01866 J+	MBK, EBK
L2456776	SW6020B	MW2-093024-1350	L2456776-02	Copper	T	Yes	0.00049 J	0.002 U	MBK, EBK
L2456776	SW6020B	MW3-093024-1120	L2456776-01	Copper	T	Yes	0.00299	0.00299 U	MBK, EBK
L2456776	SW6020B	MW4R-093024-1500	L2456776-04	Copper	T	Yes	0.0085	0.0085 U	MBK, EBK
L2456776	SW6020B	MW7-093024-1430	L2456776-03	Copper	T	Yes	0.00357	0.00357 U	MBK, EBK
L2457114	SW8270ESIM	MW1-100224-0950	L2457114-03	Pentachlorophenol	N	Yes	U	UJ	SUR

Notes:

LCS = Laboratory control/laboratory control spike duplicate percent recoveries or relative percent difference were outside the specified limits.
MBK = Method blank contamination.
SUR = Surrogate percent recovery outside the specified limits.
EBK = Equipment blank contamination.
FDP = Field duplicate qualifier due to an exceedance of the specified limits.
EXE = Result exceeds the calibration range.
U = The compound was analyzed for but not detected.
UJ = The compound was not detected. The reported sample quantitation limit is approximate.
J = Estimated concentration.
J+ = The result is an estimated quantity, but the result may be biased high.